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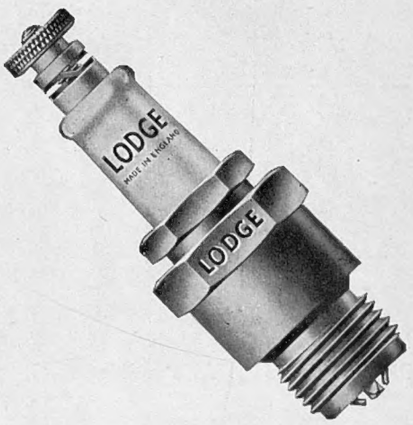

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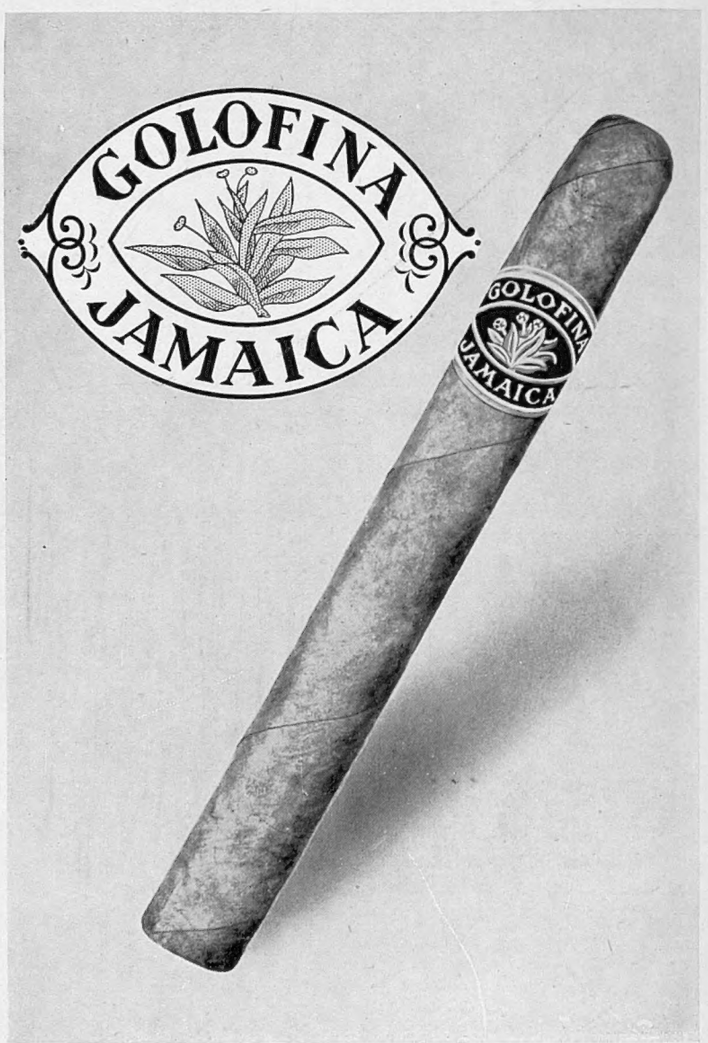

Volume CXCV No. 2542 The SPHERE, London, October 23, 1948

THE SPHERE
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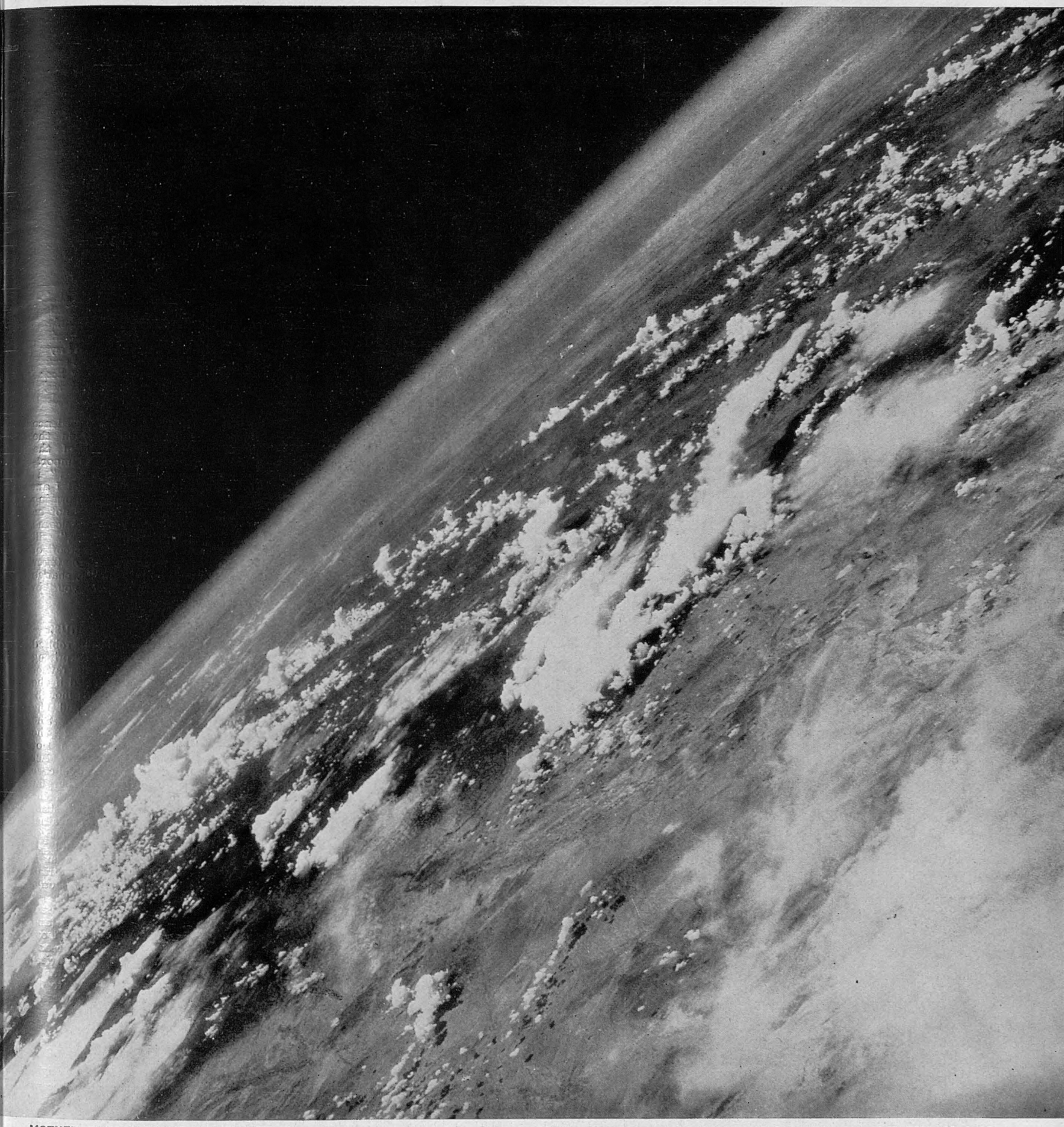
The Empire's Illustrated Weekly



MOTHER EARTH SHOWS HER CURVES—THIS PHOTOGRAPH RECORDING THE EARTH'S CURVED SURFACE AND LOOKING BEYOND INTO THE BLACKNESS OF PURE SPACE WAS TAKEN FROM THE WAR-HEAD OF A V 2 ROCKET AT A HEIGHT OF 57 MILES : Together with other photographs taken from an Aerobee rocket, it forms a composite strip covering 1,400 miles of territory stretching from Upper Wyoming into Mexico

The V 2 rocket, the weapon that Hitler reserved for London in the closing stages of the war, has for more than two years been the subject of intensive research at the United States Army Proving Grounds in New Mexico. These ex-German rockets, and also the Aerobee, are being fired regularly with a view to the compilation of military, geographic and scientific data, and in one experiment in 1947 a rocket was sent 100 miles into space with its war-head equipped with an automatic camera placed in the rocket by scientists of Johns Hopkins University. In this latest experiment both a V 2 and an Aerobee were despatched into the ionosphere. The cameras used in the Aerobee were battered but in fairly good condition when found after the drop, while the V 2 cameras were undamaged. Together, the negatives provided a composite picture stretching 1,400 miles from Wyoming in the North, to Mexico in the South

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A LONDON NEWSLETTER

1, NEW OXFORD STREET, W.C.1.

Family Party.— Late in the day but with no lessening of heartiness, I welcome our visitors from the Commonwealth and pray for God's blessing and a right judgment in their deliberations. With all respect to Western Union, there is in the conferences in Paris, New York, Moscow, and elsewhere, so very little of the family party spirit that this domestic occasion in London positively warms our hearts. For here met together are men who, for all their individual problems and special national aspirations, speak our language, think as we think on major issues, are loyal to a common and a great ideal, and owe allegiance to a very personal symbol of unity. These men will speak out plain, will be blunt and forthright, often enough, but they will do so in the interests of truth and clarity, and not to throw a smoke-screen of fog and a mist of misunderstanding over the proceedings. These men have been comrades in war, have stood shoulder-to-shoulder in time of trouble, have shared a score of major experiences. They can afford to adopt among themselves, as only old friends can, down-right-to-rudeness methods of exchange of ideas. Their aim is to let the truth prevail, to translate words into action, to get on with the peace and the reconstruction. The curse of Babel is not on this party, there is no need of interpreters here, no need of sleuths to explain Delphic utterances. The cards are put face upwards on the table, bluffing is taboo and snooping unnecessary. No wonder this party warms our hearts and encourages a little optimism.

A Gleam Through the Fog. —If words still mean a percentage of their face value, the most important proposals and counter-proposals in the history of our civilisation perhaps, are now being discussed in the Political and other committees of the U.N. The trouble is that a majority of the delegates to-day very much doubt whether words (Russia's words) mean anything at all. Be that as it may, there never was a time when the good citizen of this world of ours had a greater duty to make up his mind for himself and not to accept the headlines even of a reputable journal or the interpretations of commentators on the spot, however skilled. He has no means of doing so. He cannot (unless very exceptionally) attend in person, and he cannot get a punctual verbatim report on the day's speeches. It is almost certain that what he hears will be tinged or diluted even by a reasonably unbiassed reporter. In this fog and frustration, I see nothing clearly but the broad and eternal tragedy of the many, in a drama acted by a very few. But I get a hint through a chink in the curtain ; a gleam strikes through the opacity of the fog. The events of the last few days, I should judge, may have given the Moscow clique a momentary check. I should say that a little sweet reasonableness, a slightly less brutal tone, a hint of appeasement and surrender, have been sent out as orders to the chief Russian delegates, but that the Press and the military leaders on the spot will not immediately be affected by the directive. There is colour for this theory in the much more undoubted fact that Communism all over the world has definitely sustained a check in the past few weeks, in the rapidly growing belief that the trouble it is causing in every country is indeed not local, but elaborately organised and directed from Moscow—in short, is, exceptionally, a mighty plot to sabotage reconstruction and to bring the Western world to ruin. As such, it has tardily struck the man-in-the-street in many (even enslaved) countries that this Communism has gone too far, has entered his own kitchen by the scullery window and is taking away more than his freedom ; it is stealing his miserable ration of bread, it is preventing him from earning a living. I recall how not so long ago, when prophets and genuine statesmen were warning us of the supreme dangers of Fascism, we, the men-in-the-street, did at length begin to *grow bored* with the ranting and gesturing of Fascist and Nazi. It was at least a stage forward. And so it is to-day with Communism. It is at least *something* if the ordinary citizen in Europe is beginning to regard as a bore or a nuisance what statesmen like Churchill or Marshall have long regarded as the abomination of desolation.

CONVOCATION OF CANTERBURY DISCUSS THE REVISION OF CANON LAW : The Upper House of Bishops, under the chairmanship of the Archbishop of Canterbury, Dr. Fisher, at Church House, Westminster, again gave further consideration to the revision of the Church's laws. Canons XXV and XXVI, dealing with the administration of the Holy Communion, were discussed and slightly amended. In his address to the full Synod, Dr. Fisher said that it had been proposed that appropriate services be held on the first Sunday after Trinity next year, to commemorate the printing in 1549 of the first Book of Common Prayer. The Lower House adopted a motion, "That this House would welcome a more recognised and definite status being given to the annual festival of Harvest Thanksgiving in the Church of England." This service is not specifically appointed in the Prayer Book. Seated at the top table of the Upper House, in this picture, are, left to right, the Bishop of Birmingham (Rt. Rev. E. W. Barnes) ; Bishop of London (Rt. Rev. J. W. C. Wand) ; the Archbishop of Canterbury ; and the Bishop of Peterborough (Rt. Rev C. M. Blagden)

Liberalism.—

"He does not die that can bequeath
Some influence to the land he knows . . ."

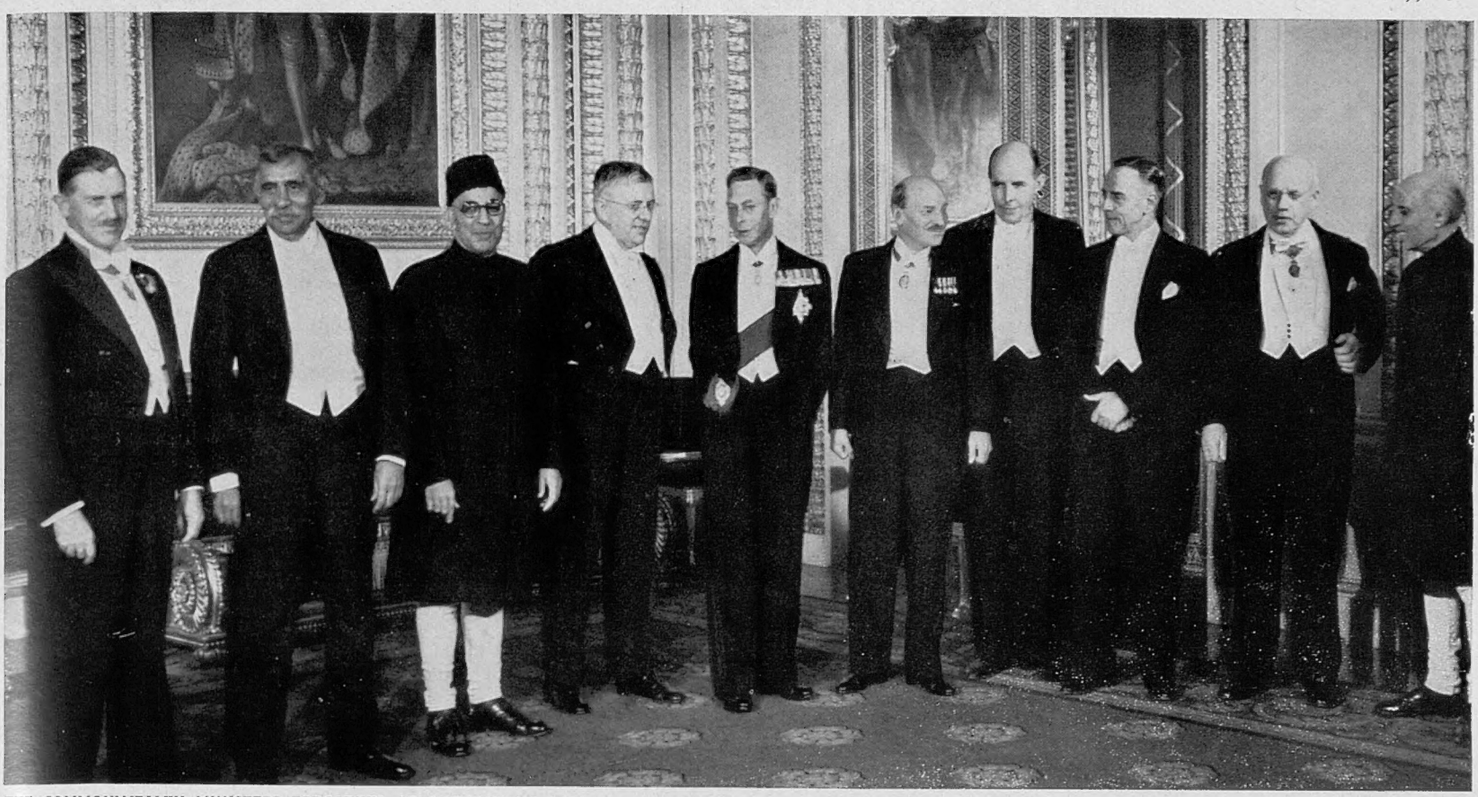
So sang Belloc on Duncton Hill, and so sings once more hopefully the Liberal Party (or is it a part of the party ?), reading the score from a new "Programme for Britain, 1s." The Whigs and the Liberals since 1830 bequeathed a good deal of influence to our land and political history, and I think Lord Samuel, one of the wisest of living statesmen and philosophers, is right when he suggests that there are a million or more Englishmen who are neither Tory nor Socialist, who remember Liberalism with pride and regret, pride for what it has thought and achieved, and regret for its life-long habit of quarrelling in its own ranks. Its absurd quarrels in a time of acute danger kept in power for twenty years the worst ever Tory administration under Liverpool, etc. Its quarrels killed it dead again after Reform and after its greater reforms at the beginning of this century, and it has never ceased since then to wrangle on its death-bed. But it is not dead. It shall not die. It need not die if it will but theorise less and venture on more practical plans. First among them, to close the thin ranks ; second, to recognise the common enemy ; third, to seek alliance with its obvious ally, which speaks the same language and opposes the same menace ; and fourth, to cut the cackle and come to brass tacks. Until it has done these things, its 300 candidates are like to forfeit 280 deposits.

Precedence. — In the next world, we are assured from the pulpit, the "Table of Precedence" will be prepared on very different principles to those employed by Burke and Debrett. But even in this world—our modern democratic world—the Victorian rules sometimes wear a little thin ; so thin, indeed, that we may wonder whether any such rigid table is now necessary or desirable. I am shocked to hear that a High Commissioner—who may represent a great nation at a vital conference—ranks no higher than just above "a viscount's eldest son." It distresses me to think that an earl's elder or a marquis's younger son will get into dinner before him. But I should be much more shocked if there were regular occasions in the year when that once well-thumbed table must be studied and its rigid rules put into effect. Certainly it looks as if the Table of Precedence must be reformed, if only in the expectation of the reform of the hereditary chamber, when the importance of "viscounts' eldest sons" is likely to sag considerably. But I am not sure that the best way of reforming the Table of Precedence would not be the *waste-paper basket*. Those welcome words, "Friend, go up higher," will thereafter be spoken as a proof of merit. And, anyway, in whatever order you may go into dinner, chance and austerity may *seat* you in starvation corner.

The Burglar's Bonus.— Countess after countess is being robbed of her sparklers by the enterprising burglar. It is indeed enterprise rather than ingenuity which is needed if the ripe plum is to drop into his mouth. The technique on his side and the silliness on hers never vary. She prepares for dinner, leaving the diamonds and rubies she has not selected for wear strewn over her dressing-table or in a frail jewel-case in a drawer. The watching burglar sees her go in to dinner, knows the movements and habits of her staff, props up the garden ladder against her open bedroom window and makes his easy haul. Upon my soul ! If and when the enterprising burglar is apprehended and brought to trial, some at least of his victims should stand beside him in the dock as accessories before the fact. It passes my understanding that in 1948 (and all that) any woman should have loose about the house several thousand pounds worth of jewellery, an invitation to crime and on only the rarest possible occasions appropriate to be worn as ornaments. Here is suggested an urgent item in the reform of the House of Lords.

British Railways—A Palinode.—A late-comer from the Highlands writes to tell me anent my recent complaint of the state of the luggage vans on the Inverness-Euston evening mail train, that all the necessary reforms have been made. The dining-car is put on next to the sleepers, separate vans are reserved for passengers' luggage, and for kippers, venison, dogs, etc., and there are now plenty of porters at Euston. I wish I could think that my words worked the oracle. I don't ; but in the interests of justice I put these facts on record.

THE OLD STAGER



THE COMMONWEALTH MINISTERS FORGATHER AT BUCKINGHAM PALACE : A distinguished assembly in the Throne Room, when the King and Queen gave a dinner party to the Imperial delegates. Left to right are : Sir Godfrey Huggins (Southern Rhodesia), Mr. D. S. Senanayake (Ceylon), Mr. Liaquat Ali Khan (Pakistan), Dr. H. V. Evatt (Australia), the King, Mr. Attlee, Mr. Robertson (Canada), Mr. E. Louw (South Africa), Mr. Fraser (New Zealand), and Mr. Nehru (India). The work of the Prime Ministers' Conference continued throughout last week in a series of informal discussions. Mr. St. Laurent, arrived from Canada to take the place of Mr. Mackenzie King. The King in his speech at the dinner party spoke of the part that our "brotherhood of nations" could play in bringing peace to the world

The EMPIRE LEADERS at the PALACE

And Other Personalities in the News

THE DUKE OF EDINBURGH GUEST OF HONOUR AT THE ANNUAL REUNION OF THE R.N.V.R. CLUB IN LONDON: His Royal Highness with Commander Vandervell, President of the Auxiliary Patrol Club. To mark the amalgamation of the Patrol Club and the R.N.V.R. Club the chair was taken both by Commander Vandervell and (later in the evening) by Commodore Earl Howe, R.N.V.R. President. Among a distinguished gathering were Admiral of the Fleet Viscount Cunningham of Hyndhope and Admiral of the Fleet Lord Tovey

THE QUEEN VISITS A CELEBRATED "HOME FROM HOME": Her Majesty in conversation with girl residents of the Caldecott Community during her visit to the home last week. The Community, which has accommodation for 300 children, orphans, the ill-treated and those from very poor homes, is now housed in the lovely Adam-built family residence of Lord Brabourne, Mersham-le-Hatch, near Ashford, Kent. Lord Brabourne is the son-in-law of Earl Mountbatten. His marriage was one of the social events of 1946

THE ENGAGEMENT OF MR. RANDOLPH CHURCHILL : The thirty-seven-year-old son of Mr. Winston Churchill with his bride-to-be, twenty-five-year-old June Osborne, only daughter of Colonel and Mrs. Rex Osborne, of Malmesbury. Miss Osborne met Mr. Churchill three or four months ago in London, and they are now busy making arrangements for their wedding. Mr. Churchill was Conservative Member of Parliament for Preston from 1940 until the last General Election in 1945. During the war he served as a General Staff Officer on Intelligence, and was later attached to a Commando unit in North Africa. In 1944 he parachuted into Yugoslavia to work as a liaison officer with Marshal Tito's forces. His first marriage was dissolved in 1945

9,412 DOGS at CRUFT'S

The Revival of the Great Dog Show at Olympia

THRONGED WITH DOGS AND DOG LOVERS: The main hall at Olympia during the revived Cruft's Show, which attracted an entry only exceeded by the Golden Jubilee Show in 1936, and produced an all-time attendance record of over 12,000. There was, indeed, a remarkable response from owners, breeders and members of the dog-loving public. The show is now sponsored by the Kennel Club. On the first day, Hounds, Terriers and Toys were benched. The second day was devoted to Gundogs and non-sporting breeds

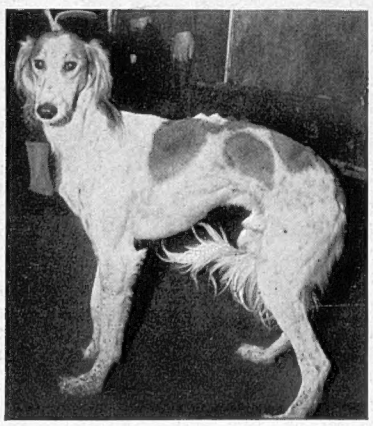
THE TRIUMPH OF SIR JOHN ANDERSON: The former Chancellor of the Exchequer and Home Secretary with his two Bloodhounds Emily of West Summerland and Coral of West Summerland, which won both challenge certificates for the breed. Owing to the difficulty of rearing big dogs at the present time, only eight Bloodhounds were shown

After an interval of nine years, Cruft's great dog show is itself again, and on Thursday and Friday of last week it took place in the spacious hall at Olympia, where there was a total entry of 9,412. This year the most popular breeds were Cocker Spaniels and Alsatians, and the popularity of the Alsatian indicates further progress by breeders and owners in their attempts to remove the stigma of an imagined wolf strain from the German Sheepdog. There were no fewer than 150 exhibitors showing 195 Alsatians, while Cocker Spaniels numbered 263 shown by 175 exhibitors, easily retaining their place as first favourite with the general public. The Supreme Championship went to Cocker Spaniel Tracy Witch of Ware, shown by Mr. H. S. Lloyd.

GIVEN THE SUPREME AWARD OF THE ENTIRE SHOW: The Cocker Spaniel Tracy Witch of Ware, shown by Mr. H. S. Lloyd, of Ickenham. This three-year-old bitch was also named the best exhibit of the second day. 263 Spaniels were exhibited this year

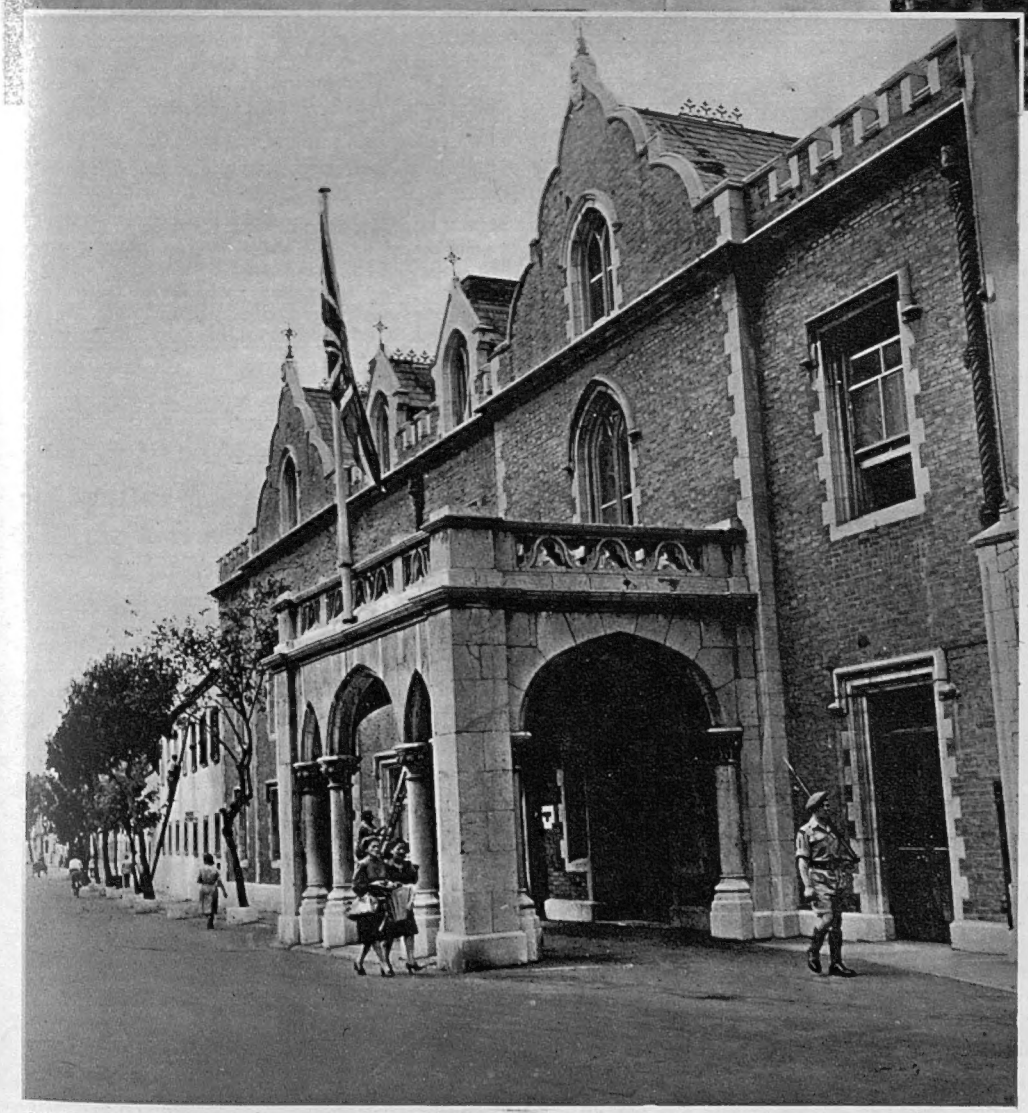
SMALL IN STATURE BUT OF GREAT FAME: The Yorkshire Terrier Champion Wee Don of Atherleigh facing the Press and the public. Wee Don has a ribbon in his hair and has just been combed and brushed in readiness for the ordeal of being photographed

On right—A SALUKI CHAMPION: Mrs. H. M. Parkhouses' Zeki of Shammar was another notable winner



PEASLAKE FAIRY FIREFLY: The winner of a Kennel Club Challenge Certificate and two firsts at the celebrated show

LOOKING TOWARDS THE ROCK FROM THE BAY OF ALGECIRAS: Gibraltar harbour and the town. Gibraltar was captured by Sir George Rooke in 1704, and was ceded to Britain by the Treaty of Utrecht. Britain's Andalusian Crown Colony was recently the scene of a concentration of American and British warships



GOVERNMENT HOUSE, THE RESIDENCE OF LIEUT.-GENERAL K. ANDERSON: Gibraltarians and the wives of Service men pass the doors daily on their way to the shops and, apart from the sentries at the gate, there is little formality, largely because there is no room for it on the Rock

GIBRALTAR STILL THE KEY

Britain's Andalusian Crown Colony Remains a Force in the Atomic Age

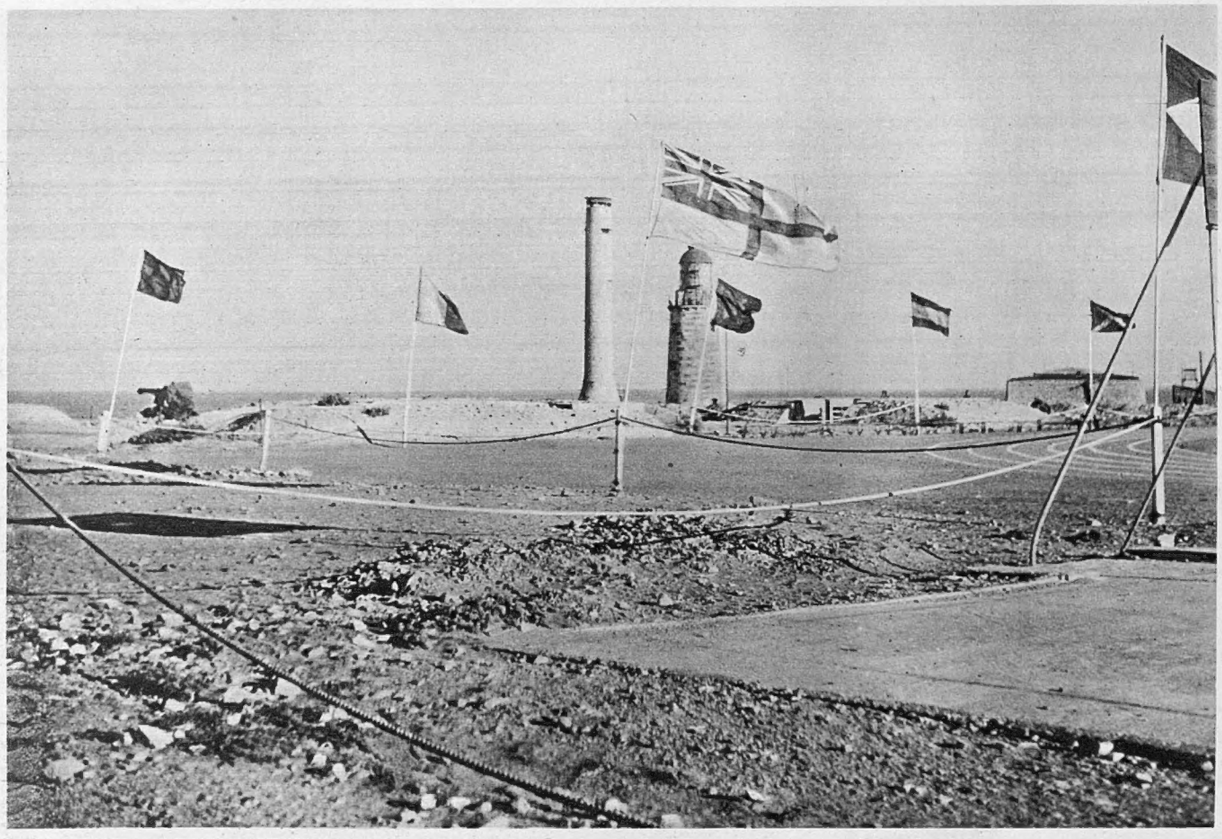
Gibraltar, with a civil population of 17,000 and a military population of 3,200, remains one of the most important Crown Colonies in the British Commonwealth, a strategic point of vital importance in the Mediterranean world, at the entrance to which it stands guard. Only three weeks ago Gibraltar harbour was the scene of the greatest concentration of warships since the Second World War, with such units as the *Vanguard*, largest and latest of Britain's battleships, and the *Franklin D. Roosevelt*, most up-to-date of American carriers, congregated at the same time.

While decisions about the future Constitution of the $1\frac{7}{8}$ sq. miles of rock are taking place between the Colony's leaders and the Minister of State for Colonial Affairs, Lord Listowel, life goes on as usual at the Rock, busily, happily, prosperously.

The Chairman of the City Council, Mr. J. Hassan, a barrister, leads the party for the Advancement of Civil Rights, which, according to his description, "swept the board at the last local elections." He and his party are pressing for the fulfilment of the promises made by the Government after the war, that local

(Continued on following pages)

THE CHAIRMAN OF GIBRALTAR'S CITY COUNCIL: Mr. J. Hassan seated in his chair of office in the Council Chamber of the Old City Hall. He is a barrister and deeply interested in Gibraltar's political advancement within the Commonwealth



EUROPA POINT AND ITS LIGHTHOUSE: The extreme tip of the Rock where it juts out into the Mediterranean. To-day this part of the Rock is used by the British Army as a sports ground

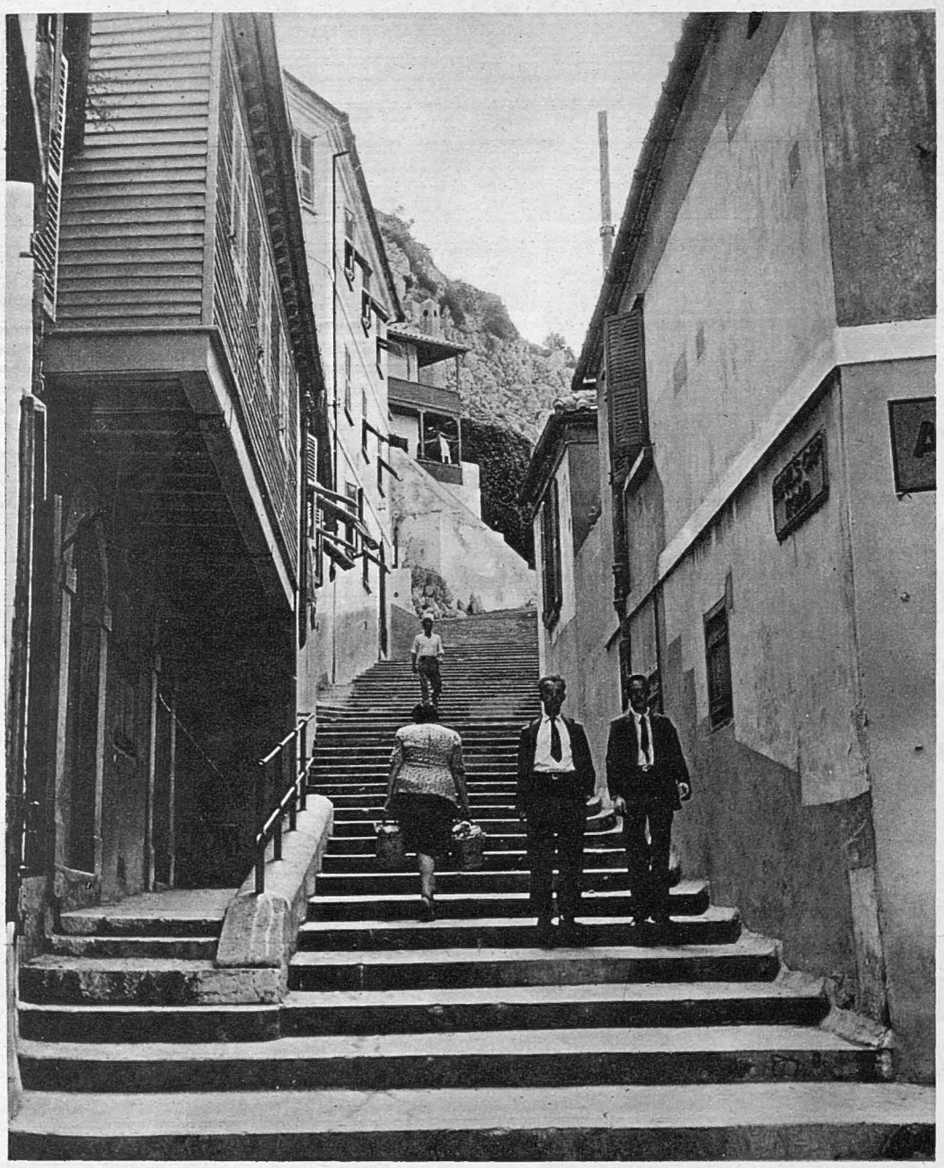
GIBRALTAR STILL THE KEY

(Continued from previous page)

self-government would be granted. The Government, however, seem to be slow in moving. This is partly because Whitehall feels that in such a small place there would be a danger of "over-government." Hassan is at pains to point out that at least a trial should be given to the patriotic people of the Colony, who immediately assume such great importance in times of war and who are inclined to be forgotten when the danger is past. Hassan wants an elected Legislature, and he is prepared to have on the Council nominated representatives of the Home Government.

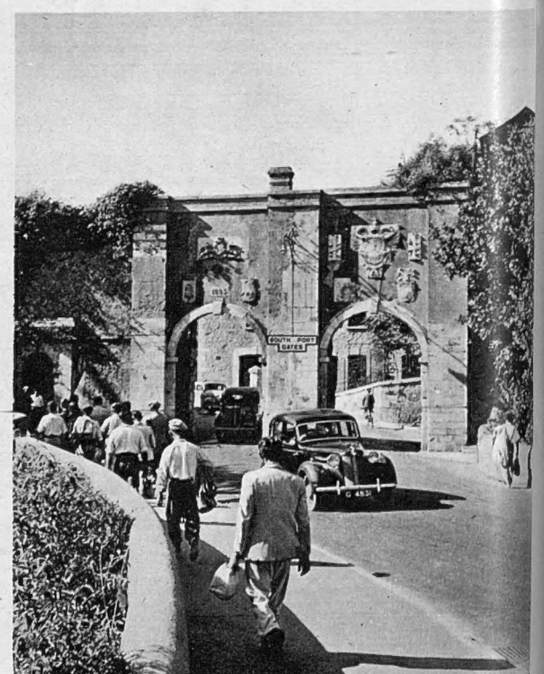
Outside in the busy little streets of the town, Gibraltarians are not keenly excited over political affairs. What they do want is the return of all those evacuated during the war, about 1,000 in all, and a speed-up in the present £2,000,000 housing programme. Further improvements in an already very efficient health service would also be welcomed. They feel, when pressed for an opinion, that a Council such as the one proposed should be given a try.

A popular personality in the fortress is H.E. the Governor, Lieut.-General Sir Kenneth Anderson, whom Gibraltarians find considerate towards their aims and aspirations



"DEVIL'S GAP ROAD" IS A STREET OF STEPS: One of Gibraltar's quaintly named thoroughfares which send the imagination back through the 250 years of British dominion on the Rock. The narrow and crooked streets of the North Town of Gibraltar are in notable contrast to the South Town, which stretches from the Alameda Gardens to Europa Point. The higher slopes of Gibraltar are still the haunt of an agile ape population, over which the British Army keeps watch and ward

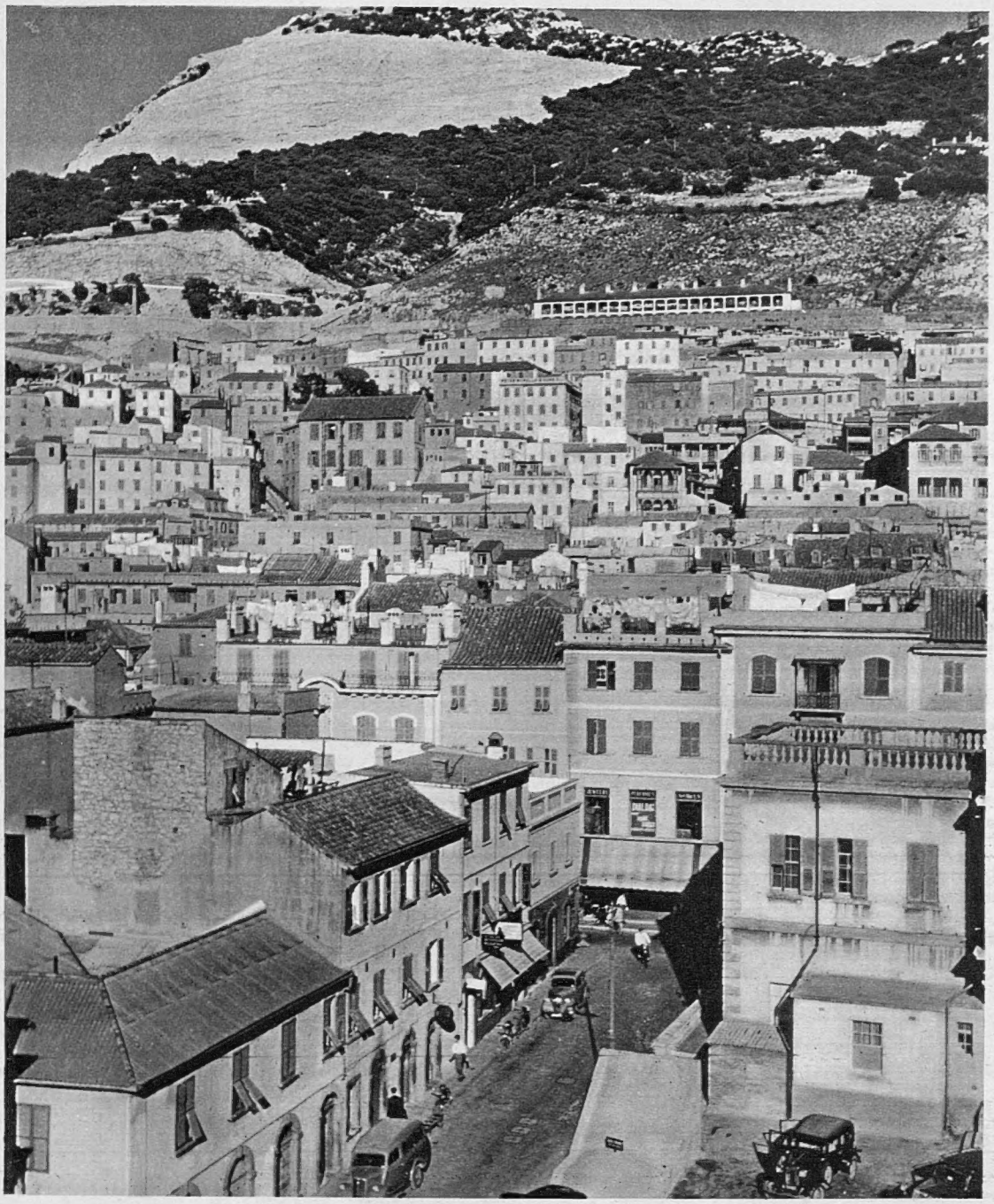
THE FRONTIER HAS TO BE VERY CAREFULLY WATCHED: An official checking up on a barrow man crossing from the town of La Linea to Gibraltar. This frontier is notorious for smuggling, which is never quite put down, as there is such a steady flow of Spaniards who come from La Linea to work daily in Gibraltar



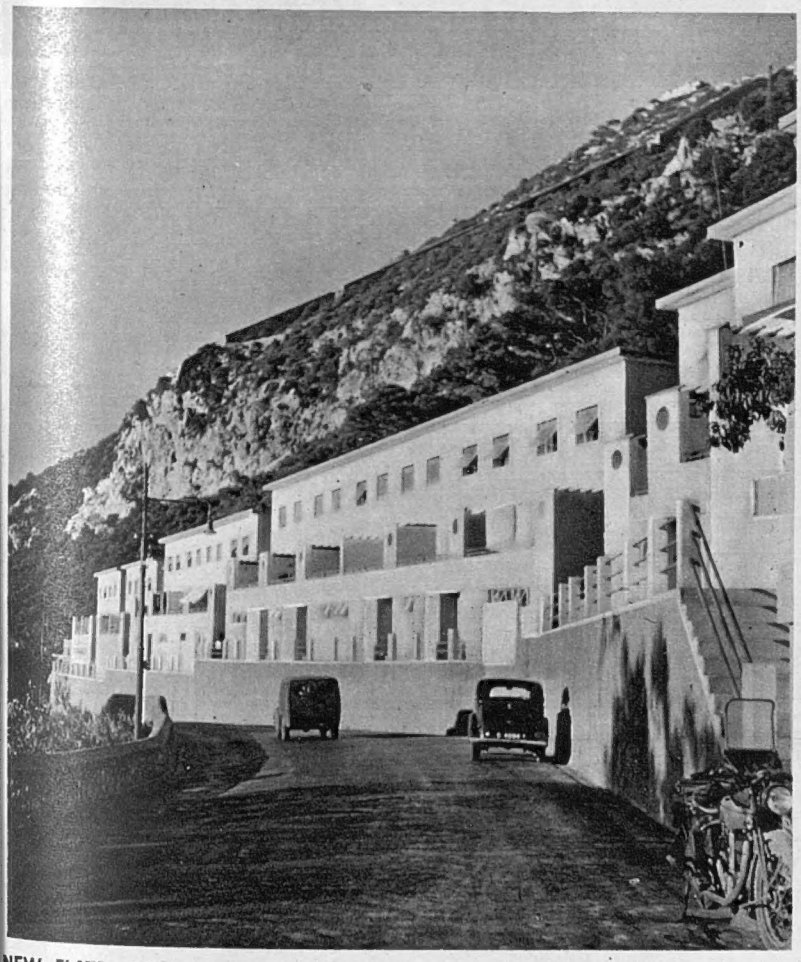
THE END OF THE DAY'S WORK: Workers on the building sites outside the town entering the South Port gate

NYLONS, WATCHES, CLOTHING AND DRESS MATERIAL : Just some of the many articles which are to be had in Gibraltar's shops at comparatively cheap prices. Before the war many of the Gibraltar shops were flooded with Japanese goods. Now the goods are almost entirely British in origin

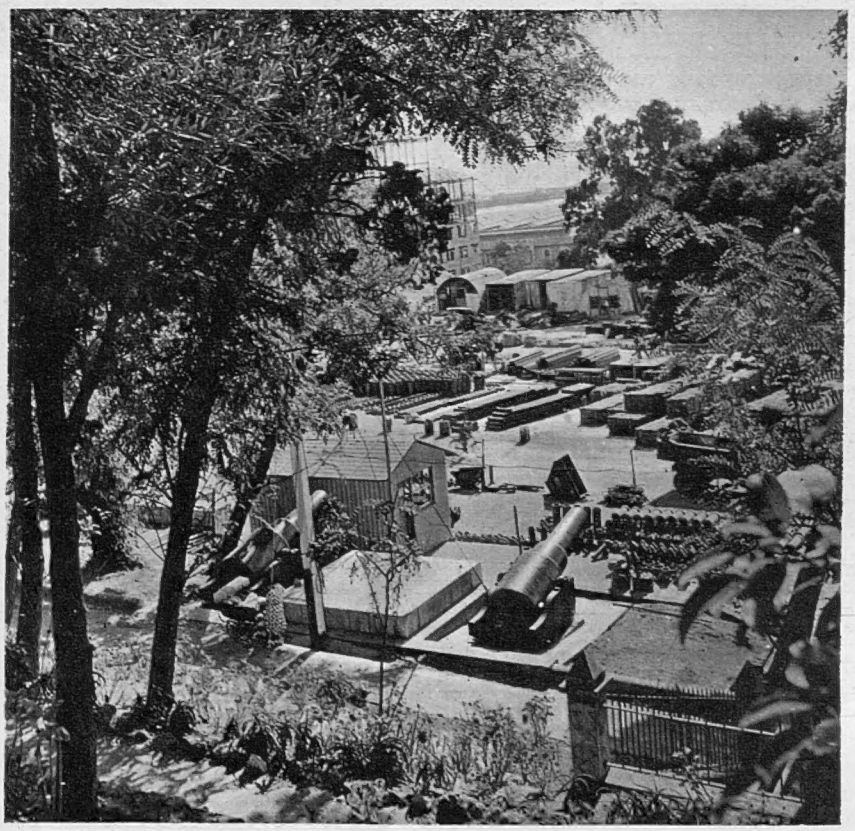
OUTSIDE A GIBRALTAR SCHOOL : Youths at play in one of the picturesque streets of the town



GIBRALTAR VIEWED FROM THE ROOF-TOP OF THE CITY HALL : A general view of the town, which suffered very little damage during the war, unlike Malta, Britain's other Mediterranean fortress. Most of the raids on Gibraltar were launched by the Italians, and very few of them were pushed through with any resolution. Anti-aircraft batteries defended the Rock with an elaborate barrage



NEW FLATS ARE RISING ON THE HIGHER SLOPES OF GIBRALTAR : Some of the recently completed accommodation for the vastly expanded population of the Rock. The flats are cool and airy, and have the Spanish atmosphere



THE DOCKYARD SLUMBERS IN THE AFTERNOON SUN : A post-war impression of a place which during the war years was a hive of activity day and night as British warships, casualties in Mediterranean battles, came to receive first aid

The HOODED MEN in a PARIS COURT

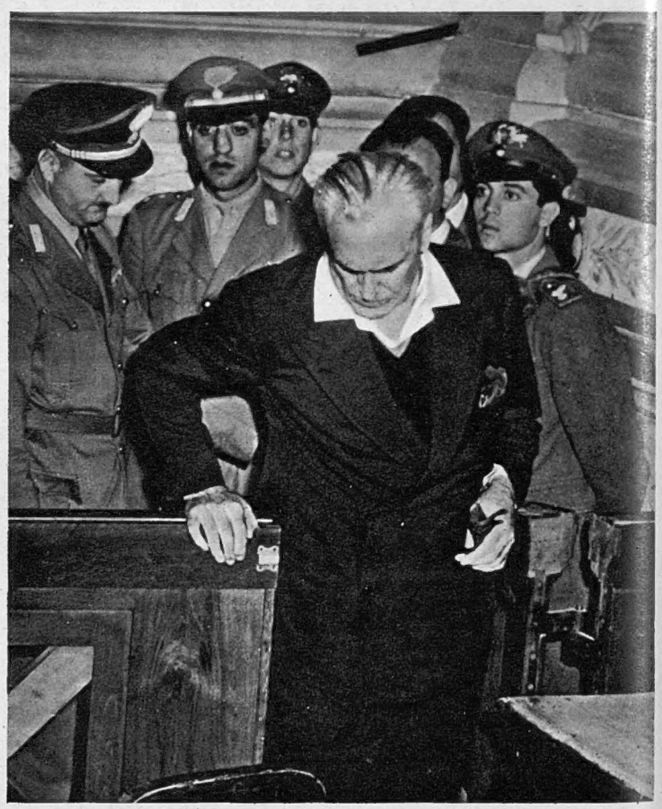
And Other War Crimes Trials in Western Europe

In November 1937 the world heard with dismay of the Cagoulard Affair, in which vast secret stocks of weapons and ammunition were found by Sûreté officials. It was apparent that the Cagoulards—"the hooded ones," as they called themselves—were bent upon plotting against the Government, and there were dark rumours that these right-wing extremists were in league with a certain foreign Power. These rumours were only too true, but the full extent of the Cagoulard movement, which had eaten into the structure of French national life, did not really become apparent until the capitulation of June 1940. Throughout the occupation the Cagoulards remained actively in existence, and only since 1945 has there been any attempt to bring them to book. The sixty or so who are standing trial have been brought to the dock after exhaustive researches which have involved the extradition of one of their number from the Argentine Republic. General Gamelin is one of the witnesses.

THE TRIAL OF SIXTY-FOUR CAGOULARDS TAKES PLACE IN THE COURT OF ASSIZE, DEPARTMENT OF THE SEINE : M. Baillet, one of the defendants, who is ill, is seen on a litter on the left of the dock. With him are thirty-two co-defendants. Thirty-one other defendants are being tried in their absence. Among the accused is Maurice Duclos (standing on the right of the front row), who was brought back from the Argentine to face the court. Duclos served with de Gaulle in London, and was one of the first parachutists into France. After the war he was showered with Allied decorations

M. BAILLET ATTENDS THE COURT ON A LITTER : One of the Cagoulards entering the Seine Court of Assize to stand his trial on charges of collaboration with the enemy

FRAU ROMMEL GIVES EVIDENCE IN A STUTTGART TRIAL : The widow of the German Field-Marshal being interrogated during the hearing of the case against Dr. Strolin



THE TRIAL OF EX-MARSHAL GRAZIANI, EX-VICEROY OF ETHIOPIA, FORMER COMMANDER IN THE SOUTHERN ADVANCE ON ABYSSINIA AND FORMER COMMANDER OF THE ITALIAN INVASION FORCES IN THE BATTLE FOR THE NILE VALLEY : The ex-Marshal entering the Court of Assize in Rome, where he has been facing charges of collaborating with the German Army and of acquiescing in the deportation of 300,000 Italians to Germany. The trial, which was previously postponed for a year on account of Graziani's weak heart, has aroused much interest in Italy, and it would appear that the sympathies of the Italian public are very largely with the ex-Marshal. In the dock last week Graziani displayed all his old fire and pugnacity in spite of his sixty-six years. While asserting that he had never embraced Fascism but had always remained impartial, he showed himself an unrepentant supporter of Fascist ideas, as did many members of the public in court

AMERICA'S ROCKET WARSHIP

The "Norton Sound" Converted for Pacific Tests

At a moment when the navies of the world are marking-time, marking-time because the whole future of naval design hangs upon atomic warfare and the development of rocket missiles, America is taking the lead in research, and she now announces her first experimental rocket warship, the *Norton Sound*. On the lessons learnt by the experts aboard this floating test-bench and laboratory will no doubt depend the future of warship design.

Up to now only vertical firing of rockets has been possible from the New Mexico testing-grounds, and now the *Norton Sound*, operating in the Pacific, will carry out a long series of tests in horizontal firing. Upon entering the Pacific after her Caribbean shake-down the *Norton Sound* will be based at first near Point Mugu, California, and she will co-ordinate her activities at sea with the Navy's Guided Missile Test Centre there.

The modification of the seaplane tender for use as an experimental rocket ship has primarily involved: covering the broad seaplane deck with metal sheathing to withstand the heat created in firing the rockets from their vertical cradle; removing the two forward 5-in. gun turrets to make room for a helicopter landing platform and a platform for launching balloons; the installation of tanks for the storage of special fuels used in rockets; and the installation of fire-fighting and damage-control equipment.

MODIFIED TO PERMIT THE EXPERIMENTAL FIRING OF 14-TON ROCKETS—THE UNITED STATES SEAPLANE TENDER "NORTON SOUND," A VESSEL OF 9,000 TONS, SEEN BEFORE SHE LEFT HER EAST COAST NAVAL BASE FOR THE CARIBBEAN SEA AND THE PACIFIC OCEAN: *Left*—The helicopter landing platform in the forepart of the ship. *Right*—A close-up of the superstructure. After a shake-down cruise in the Caribbean the "Norton Sound" will start her vital experiments in the Pacific, firing rockets horizontally far out to sea in safe latitudes. In her capacity as a floating laboratory the "Norton Sound" is available for rocket research by representatives of all three American Fighting services. Although a captured German V 2 rocket was fired successfully from the "Midway" in 1947, the "Norton Sound" is the first ship to be specifically equipped for the primary function of discharging large rockets

THE ROCKET-DISCHARGING EQUIPMENT OF THE "NORTON SOUND": *Left*—The adjustable racks at the stern of the vessel, from which may be launched V 2 rockets of the German type as well as the slightly smaller Aerobee. The "Norton Sound" was modified for this task at the naval shipyard, Philadelphia. *Right*—A close-up of the rocket-launching racks. The broad seaplane deck beneath the racks has been covered with metal sheathing to withstand great heat

AMERICA'S LATEST SUPER-BOMBERS FLYING IN FORMATION—THE MIGHTY B 36

THE PANTECHNICON AND THE MOTOR-CYCLE OF THE SKIES

A Boeing Giant, and the Hoppicopter

On left—**THE MAN FROM THE MINISTRY RIDES THE MOTOR-CYCLE OF THE SKIES:** Mr. Liptrot, of the Ministry of Supply, being strapped on to the hoppicopter by the machine's inventor, Mr. Horace T. Pentecost, a young engineer from Seattle. A 35-h.p. motor is strapped to his back, and twin blades contrarotate above his head. This machine was demonstrated for the first time in Seattle in 1946 when it was claimed that it could carry a 200-lb. person about 200 miles at 90 m.p.h. Since then it has been modified. When this picture was taken the hoppicopter was under trial at Feltham

STARTING UP THE HOPPICOPTER: Mr. Pentecost demonstrating the engine of his aerial motor-cycle at Feltham. Mr. Pentecost says his machine "can loaf along at a snail's pace, hover, or play tag with the clouds."

On right—**MR. HORACE PENTECOST STRAPPED TO HIS HOPPICOPTER:** He says it will fly 100 miles for approximately 6s.

The biggest land-based plane in the world is the B 36, made by Consolidated Vultee for the United States Army Air Force, and the only other aircraft to compare with it is the £12,000,000 Brabazon I, at present undergoing initial trials at Filton, near Bristol. In the B 36, now beginning to roll off the production line in the United States, America has a super-bomber powered by six pusher-type engines of 3,000 h.p. each. The B 36 carries 21,000 gallons of petrol, which allows it a service range of 10,000 miles with a 10,000-lb. bomb load. This monster machine weighs 139 tons, has a height of 46 ft., and a length of 163 ft. The wing span is 230 ft., approximately the same as that of the Brabazon I. The B 36 carries a crew of seventeen, and, if designed for civilian use could take 200 passengers in her vast fuselage. The speed of the bomber is more than 300 m.p.h.

AN ARCTIC FIND: This cairn in the Cape Sheridan area in the North of Ellesmere Island was found by members of the joint Canadian-American Expedition (Task Force 80), which set out for the Arctic last summer to establish a new weather station. Within the cairn were discovered documents left by Admiral Peary forty-two years ago. The letter "R" above the cairn stands for "Roosevelt," Peary's ship

EVACUATED BY HELICOPTER FROM DUMB-BELL BAY: Members of Task Force 80 seen during their expedition to the Far North to establish a weather station. The helicopter proved of immense value in maintaining contact and in the evacuation of the Task Force at the end of the operation. It was while flying over Cape Sheridan, about 450 miles from the North Pole, that members of the Task Force sighted the cairn set up by Admiral Peary at the beginning of the century. A whisky bottle was found containing not only Admiral Peary's own notes, but his copy of an earlier record left in another nearby cairn by Captain (later Sir George) Nares, the leader of the British expedition of 1875-76. This region was the scene of extensive explorations by Nares in 1875 and 1876, and by Peary thirty years later in 1905-1906

A World News Survey

FROM ARCTIC WASTES TO CUBAN SUN

THE FATHER OF THE NATION SPEAKS: Dr. Chaim Weizmann, the celebrated scientist who has been elected first President of the new State of Israel, making his first address to the Israeli State Council after his arrival in Israel for the first time since its declaration of independence. Dr. Weizmann has been ill for many months and under medical care, both in the United States and Europe. Seated in the front row (left to right) are: Rabbi Lewin, Minister of Social Affairs; Prime Minister Ben-Gurion; Rabbi Fishmann, Minister for Religious Affairs; and Moshe Shapira, Minister for Immigration

CONDOLENCES FOR THE PROFESSOR WHO LOST HIS SUBMARINE: A friend sympathising with Professor Pietro Vassena after his submarine C 3 had sunk to the bottom of Naples Bay before taking part in its final deep-sea diving tests. The submarine sank through a sea-cock being inadvertently left open, and it now lies 300 ft. below the surface

THE C 3 ABOUT TO MAKE A DIVE BENEATH THE BAY OF NAPLES: Pietro Vassena's potential record-breaking submarine viewed from the parent ship shortly before submerging. Two days after this picture was taken the C 3 suddenly sank without warning, and now the craft and the inventor's hopes lie on the bed of the Bay of Naples. Vassena claimed that his submarine could dive 2,400 ft. and remain at that depth for twenty hours. So successful were preliminary trials, it seemed highly likely that his optimism would be justified. Vassena is said to have perfected his plans for the submarine while spending three months in gaol when facing charges of collaborating with the Germans. Professor Piccard, the Belgian scientist, who is at present engaged in deep-sea diving experiments in the Gulf of Guinea, is said to be interested in Vassena's project and to have given him encouragement. Vassena's first experiments, which took place in Lake Como, were illustrated in "The Sphere" earlier this year

MORE FUEL FOR THE HITLER LEGEND : Wolf Falkenhain, ex-concentration-camp victim of Mauthausen, Germany, who served a prison sentence in 1938 for murdering his aunt, is now baffling American and German medical experts. He claims to be Hitler's adopted son, to belong to a group of fifteen masters, including Hitler, endowed with supernatural powers, and predicts the Führer's reappearance this October. Medical men now are trying to decide whether he is a schizophrenic, a criminal, or just another Hitlerite fanatic trying to spread alarm and despondency

"IT DOES NOT MATTER IF PORK AND PERFUME DISAPPEAR FROM THE MARKETS SO LONG AS THE PEOPLE ARE NOT STARVED TO DEATH" : Major-General Chiang Ching-kuo, Generalissimo Chiang Kai-shek's Russian-educated elder son, addressing an audience of 14,000 members of the newly-organised Shanghai Youth Service Corps at a rally in Shanghai. The Major-General has been appointed Deputy Economic Controller in Shanghai with the special task of rooting out corrupt officials and corrupt practices. Black marketeers are his particular target, and he has levelled against them such forthright slogans as "Who damages the gold Yuan will have his head chopped off." Chiang graduated in 1930 from the Moscow Military Academy, afterwards taking up practical engineering work in the Soviet Trans-Caucasus. He returned to China in 1937 Of privileged financial leaders he once declared, "If you do not scare them they will scare you"

HUSTLED FROM THE FIELD OF BATTLE : A member of the Marine Military Police escorting a man in Russian uniform from Camp Pendleton, San Diego, after spotting him among a crowd of visiting officers. The wearer of the uniform turned out to be John D'Alfonso, a reporter on the staff of the "San Diego Daily Journal." The newspaper said that D'Alfonso was sent to attend military manœuvres to test security at Camp Pendleton

MEMBER OF A SUICIDE SQUAD : This baby whale was one of forty-eight which were stranded in shallow water off St. Augustine, Florida. Thousands of curious sightseers came down to the beach to watch the whales as they floundered along the shore in what was described as a follow-the-leader mass suicide. Here a holiday-maker is seen attempting to pull one of the whales out to sea, but, apparently determined to die, the young mammal struggled back to the beach, there to expire

THE BULLOCK THAT RAN AMOK IN O'CONNELL STREET : Citizens were not over-anxious to make contact with the beast when it broke loose and began a wild career at the peak of the lunch-hour traffic rush. By the time order had been restored the bullock had injured two people, damaged a car and smashed a window

THE TWELFTH PRESIDENT OF THE CUBAN REPUBLIC IS INAUGURATED AT HAVANA : Señor Carlos Prio Socarras (on right, profile to camera), of the Autentico Party, taking the oath of office in the presence of his predecessor, Dr. Ramon Grau San Martin, who is seen standing next to him. Dr. Grau San Martin marked the end of his four-year term in traditional fashion by pardoning a selected list of criminals. The new President was elected in the June elections, which passed off without incident. He received 857,000 votes as compared with the 569,000 votes cast for Dr. Nunez, of the Liberal Democratic Party. Señor Prio Socarras is a Senator and a former Minister of Labour in the Cuban Government

BERLIN FROM THE SUMMIT OF THE FUNKTURM : For the first time since the end of the war the 400-ft. radio tower, a favourite point of vantage among Berliners, has been opened to the public. This view was taken from the summit, where many make the climb these days to watch the progress of the air-lift as wave after wave of British and American planes head in towards Gatow. This view from the Funkturm shows part of the celebrated banked Avus circuit, once the scene of spectacular road races

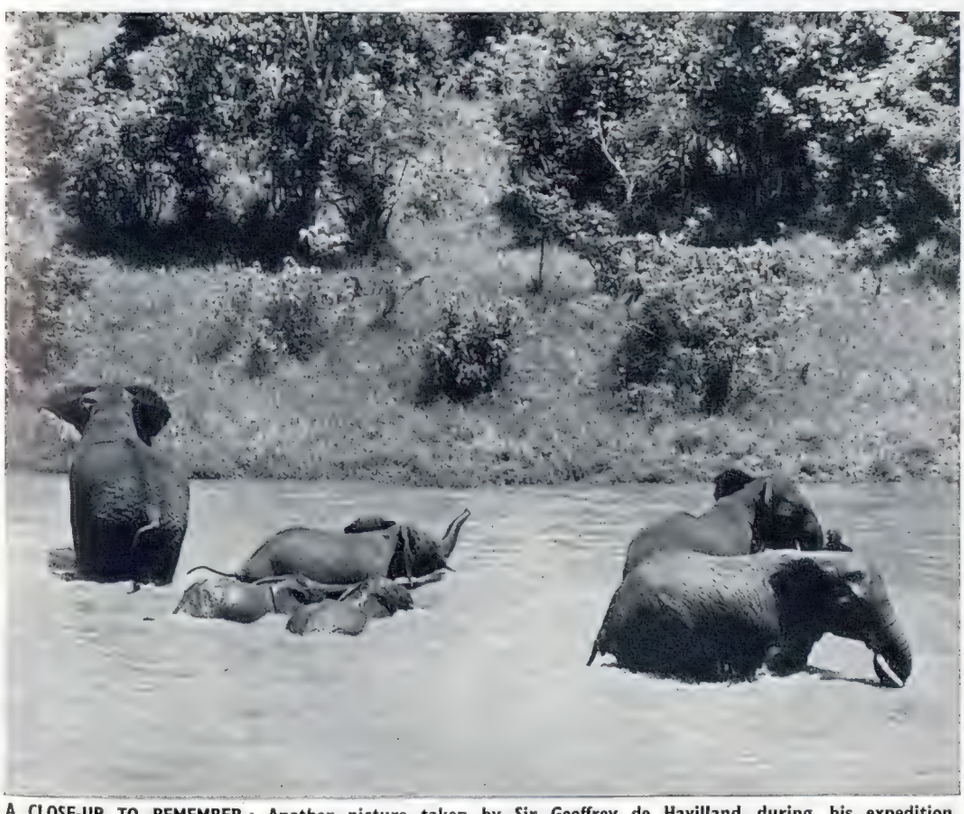
GERMANS VIEW THE AIR-LIFT

Pictures from the British and French Sectors of Berlin

THE NEW BERLIN AIRFIELD IS ALMOST READY FOR THE FIRST PLANES : German civilian workers helping to complete the Tegel Airfield, built on the site of a disused shooting-range in the French sector of Berlin. Seventeen thousand German men and women have been toiling day and night in eight-hour shifts to complete the airfield before the onset of winter; 10,000 tons of rubble from bombed sites were laid down first. The surface has been smoothed with 3,000 tons of asphalt

THERE IS JUBILATION WHEN SKYMASTER C 54 ROARS IN TOWARDS TEMPELHOF AIRPORT : The reason Berlin boys and girls gather at this spot is that the pilot, Lieutenant Gale Halvorsen, drops candy bars attached to handkerchief parachutes. On each trip he makes in the air-lift the popular American pilot drops several chutes, and the children are now well acquainted with his usual times of arrival

AFRICAN ELEPHANT BATHING IN A SHALLOW POOL AT NYERI, KENYA: A dramatic picture taken by Sir Geoffrey de Havilland during his big-game expedition in East Africa, when he achieved some truly remarkable results with the camera. Sir Geoffrey describes this sight as a photographer's dream come true—an unforgettable scene, as nearly fifty elephants played and bathed, completely unaware of the presence of man. Elephants are seldom aggressive unless harassed, but they are hard to approach because of their acute sense of smell. Their hearing and eyesight are poor



A CLOSE-UP TO REMEMBER: Another picture taken by Sir Geoffrey de Havilland during his expedition. Sir Geoffrey actually got to within fifty yards of his prey to take some of his more spectacular pictures

BIG-GAME SHOOTING WITH A CAMERA

Sir Geoffrey de Havilland Produces a Wonder "Bag" in Kenya

This selection of photographs is from one of the most remarkable collections ever taken of close-ups of big game in their natural haunts, and it is now being shown at the Ilford Gallery, London. The pictures were taken by Sir Geoffrey de Havilland, noted aircraft designer.

During the war, to practise his technique, Sir Geoffrey stalked cows in the fields near his home, getting close-ups with a home-adapted camera. Then, when the war finished, he went on holiday in Africa and tried his hand out on the real thing.

He used a Reflex Korelle camera, suitably modified by the addition of an extension to mount a Dallmeyer 14-in. Adon telephoto lens or a Dallmeyer 8-in. Serrac lens. Lens hoods were made from inner-tube rubber, and these also acted as lens protectors. Lenses could be changed in 10 seconds. A special fine adjustment focusing device was fitted. Focusing, "stopping" and shutter release were grouped together for rapid operation. All these modifications were home-made.

Most of the pictures were taken at 1/100th sec. at F/11, some at 1/200th sec. at F/8. A filter was seldom used.

Animal photography demands much patience, and there is a big element of chance. Most of the elephant pictures were the result of a herd of almost fifty appearing in perfect view from the "hide," staying for over an hour, playing and bathing entirely undisturbed.

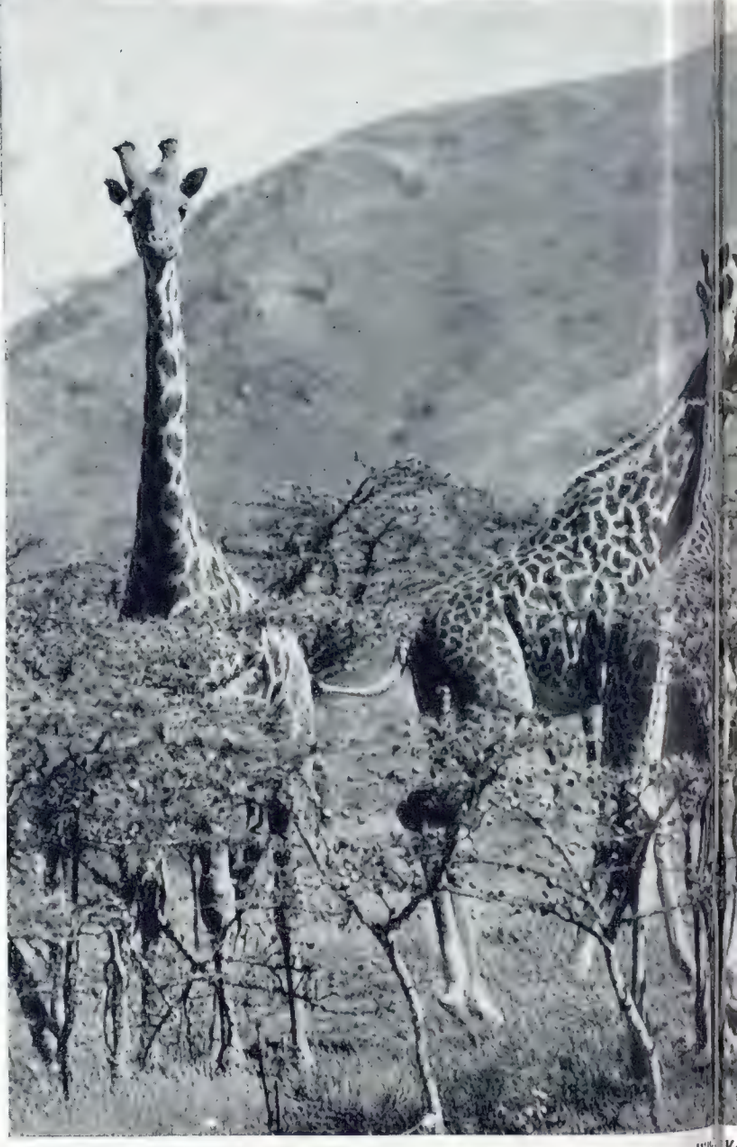
The "hide" was in a forest tree and was known as "Tree-tops," near Nyeri, in Kenya. Although of crude construction, it contained camp beds, dining-room, washrooms, stove, store cupboards, water tanks and two verandahs. It is probably unsurpassed in the world as a look-out for observing wild animal life.

"Big-game hunters say you 've got to shoot to get a thrill," Sir Geoffrey says, but he disagrees. "I shot a few buck and felt disgusted. After that I used the camera alone, and my trophies are better than stuffed heads."

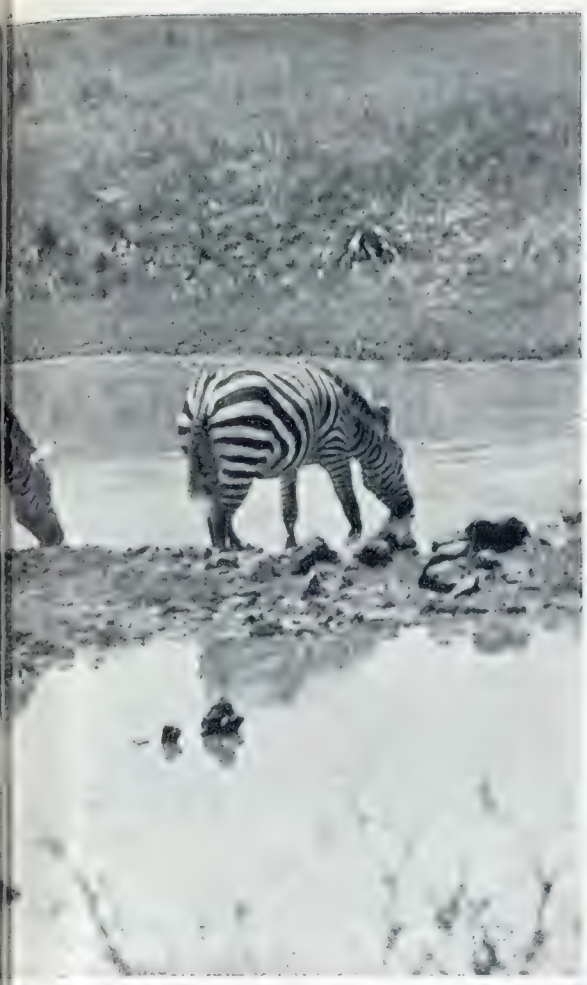
WATER BUCK AT THE POOL: This picture of water buck was taken near Nyeri, in Kenya, by Sir Geoffrey de Havilland on his remarkable expedition. The water buck has a rather shaggy grey coat and is heavily built. The head is handsome. It is found all over Kenya and Tanganyika, usually in bush and seldom far from water. In some districts it frequents the hills during the day

GRANT'S ZEBRA FEEDING UNCONCERNEDLY IN THE LAIKIPIA [illegible] Al
Tanganyika, and can be seen in herds of up to a fe[illegible] hu
giraffe and other animals of the plains. Zebra a[illegible] o

A BLACK RHINOCEROS FEMALE WITH HER CALF: Black rhinos are frequently seen in many parts of Central and South Africa, and are called "black" to distinguish them from the White Rhino, which is now only found very locally in the Sudan and in one district in South Africa. They are vegetarian feeders



CONVERSATION PIECE AMONG THE TREE-TOPS: A herd of giraffe in the Ngong Hill[illegible] K
if they have been seldom molested, can often be approached fairly [illegible]sel
almost exclusively on the leaves and twigs of thorn trees. They are [illegible]ot
many parts of Kenya and Tanganyika and may be seen in herds of up [illegible] tw



AINS IN KENYA : This is the zebra common to Kenya and hundred. When feeding they often mix with gnu, gazelle, one of the favourite foods of the plain-dwelling lions

Kenya. Giraffes, sely. They feed ot uncommon in twenty or more

BIG-GAME SHOOTING WITH A CAMERA

Further Pictures Taken During Sir Geoffrey de Havilland's East African Expedition

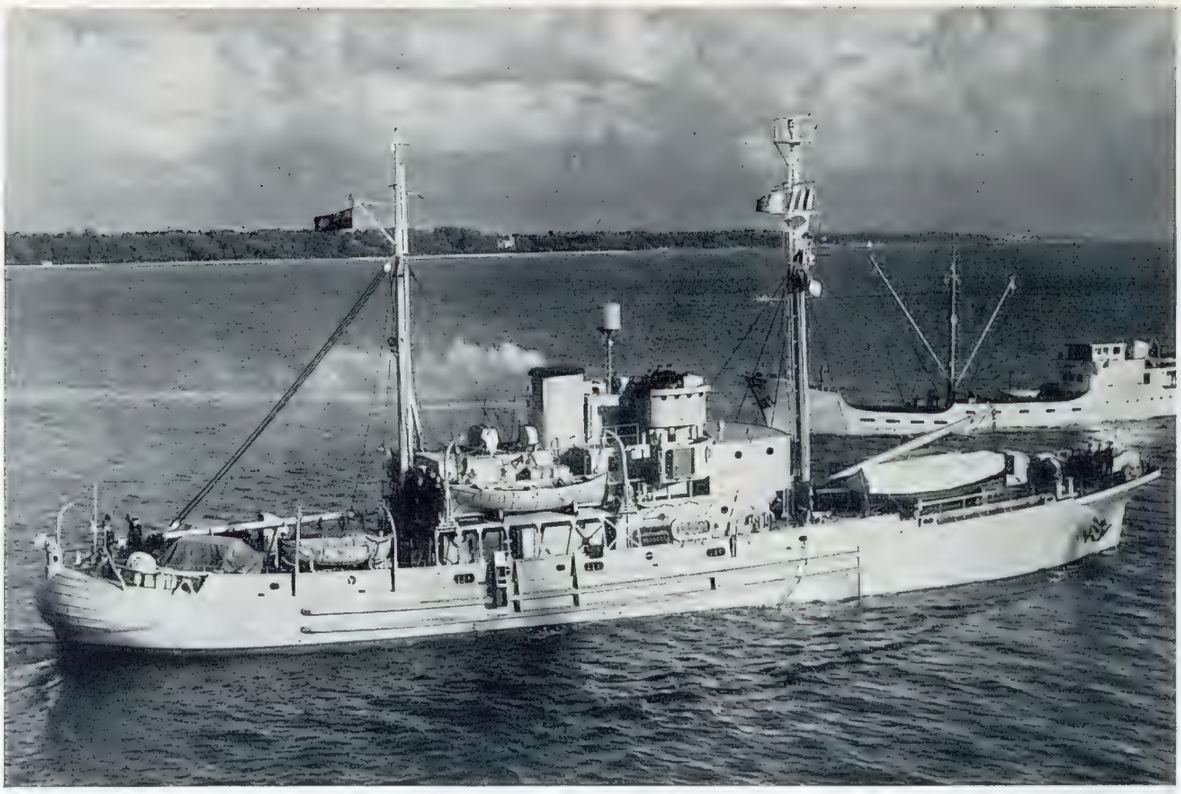
A LORD OF THE KENYAN JUNGLE : Sir Geoffrey was only 15 yards away when he took this picture of an African bull elephant from a "hide" in a tree. This bull stayed on a salt-lick for half-an-hour digging up salt earth with the right tusk and carrying it to his mouth with his trunk. He was part of a herd of fifty which came near Sir Geoffrey and stayed for an hour bathing in a pool

A LION AND LIONESS TAKEN ON THE SERENGETI PLAINS, TANGANYIKA : These are found in many parts of Africa where antelope and zebra abound. They are seldom aggressive unless harassed or wounded. Lions are often found on the plains far away from bush, and contrary to popular belief, do not normally live in thick jungle. When the lion has fed he is indifferent to game, as the herds of game are themselves indifferent to him. On the plains of British East Africa the other animals will sometimes not scatter even when a lion passes through the herd

THE "JOHN BISCOE" AGAIN GOES SOUTH

The Departure of the Antarctic Research Ship

At a time when Antarctic land-grabbing is beginning to wear some of the aspects of the nineteenth-century rush for Africa, Britain is tightening her administration in the Far South. A key to British control in the Antarctic is the British Administration in the Falkland Islands, and the Dependencies in the Far South are linked together by the research ship *John Biscoe*, which set out on October 13 with stores, mail and reliefs for the Antarctic bases. The Falkland Islands Dependencies Survey had its origin in December 1943, when a party under the command of Lieut.-Commander Marr left this country. Bases were established in 1944 at Port Lockroy, off Graham Land, and at Deception Island. The former had a complement of ten men and the latter four. Since then reliefs have been afforded with regularity, most successful research work has been achieved and new records have been established in Antarctic sledging



THE "JOHN BISCOE" LEAVES FOR THE FAR SOUTH: The vessel outward bound from Southampton with a relief party of members of the Falkland Islands Dependencies Survey on board, designated to relieve others who have been engaged on survey work and scientific research in the Antarctic. The vessel, named after the famous explorer who was making voyages of discovery over a century ago, was formerly H.M.S. *Pretext*, a netlayer which was in service with the Home Fleet during the war. She is of some 1,200 tons, and wooden-hulled. Alterations were made to equip the *John Biscoe* for the particularly specialised type of work involved in replenishing the Antarctic bases

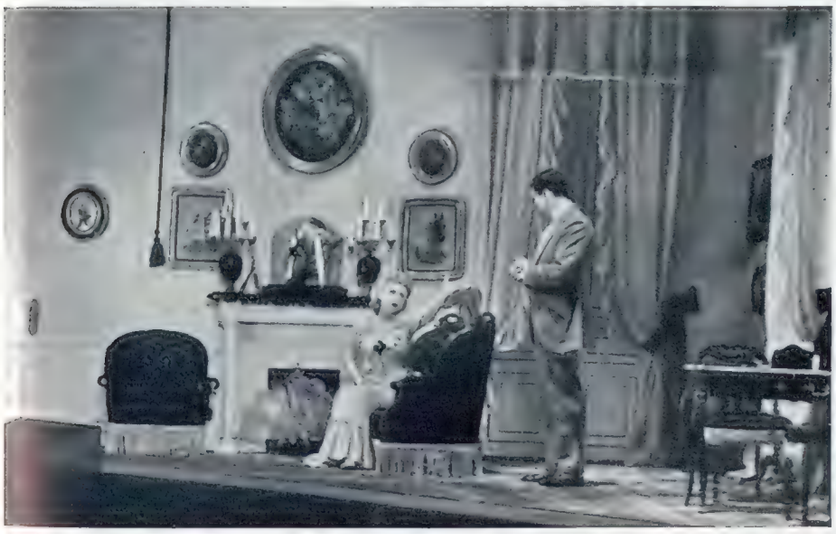
A WEAZEL AMPHIBIOUS ICE SLEIGH IS SECURED TO THE DECK OF THE "JOHN BISCOE": The sleigh being lashed at the stern before the departure of the research vessel for the Antarctic. She left Southampton on Wednesday, October 13

THE STRONGLY-PROTECTED STERN AND BOWS OF THE ANTARCTIC RESEARCH VESSEL: These two pictures evidence the specialised character of the "John Biscoe." After taking stores and mails for the survey bases in the Falkland Islands Dependencies, she will in due course bring back to the United Kingdom some of the men who have for periods, ranging from eighteen to thirty months, been carrying out survey work and scientific research in the far south

MOLIERE'S "LE MISANTHROPE" PLAYED BY THE COMEDIE FRANCAISE AT THE CAMBRIDGE THEATRE: Left to right in this picture are Jean Weber as Acaste; Pierre Gallon as Clitandre; Annie Ducaux as Célimène; Jean Debucourt as Philinte, and Yvonne Gaudeau as Eliante. In their second London season since the war, the Comédie Française, the oldest State company, produced three classical plays. This week they have been playing Racine's "Andromache" and, next week, they conclude their three-weeks season with Molière's "Le Malade Imaginaire." Besides their three major productions, the company of the Comédie Française are also giving Henri Becque's *La Navette*, Alfred de Musset's *Un Caprice*, and Latiche's *Le Bouquet*. The Comédie Française was created by Louis XIV in 1680, when he combined the companies of the Hôtel de Bourgogne and the Hôtel de Guénégaud, the last being Molière's own company

The COMEDIE FRANCAISE at the CAMBRIDGE THEATRE

"Le Misanthrope" and "La Navette"



A SCENE FROM "LA NAVETTE," THE ONE-ACT CURTAIN-RAISER WHICH PRECEDED "LE MISANTHROPE" IN THE FIRST WEEK OF THE SEASON: Henri Becque's farce about a coquette and her three lovers was delightfully played by Mlle Mony Dalmes, who is here seen with M. Jean Martinelli. MM. Gallon and Meyer play the other two admirers

THE STORY OF A MISANTHROPIST: Two more scenes from Molière's classic comedy "Le Misanthrope," with which the Comédie Française opened their season at the Cambridge Theatre. *On the left* are M. Pierre Dux as Alceste, the misanthropist, and Mlle Annie Ducaux as Célimène, and, *on the right*, M. Jacques Charon as Oronte; Pierre Dux, and Jean Debucourt as Philinte, Alceste's friend whom, in his passion for honesty, he criticises for his insincerity when Philinte is effusive in greeting an acquaintance. It is Alceste's honesty that leads him to despair of men and women, unused to hearing the truth

FROM LONDON AND THE HOME COUNTIES

A News Survey in Pictures

MARLBOROUGH'S HIRING AND PLEASURE FAIR: In the wide and dignified High Street the booths and the merry-go-rounds were set up and for what seemed interminable hours the residents of the quiet old market town had to put up with the cacophony associated inevitably with this annual event which takes place at the beginning of October. In the distance is the old town hall

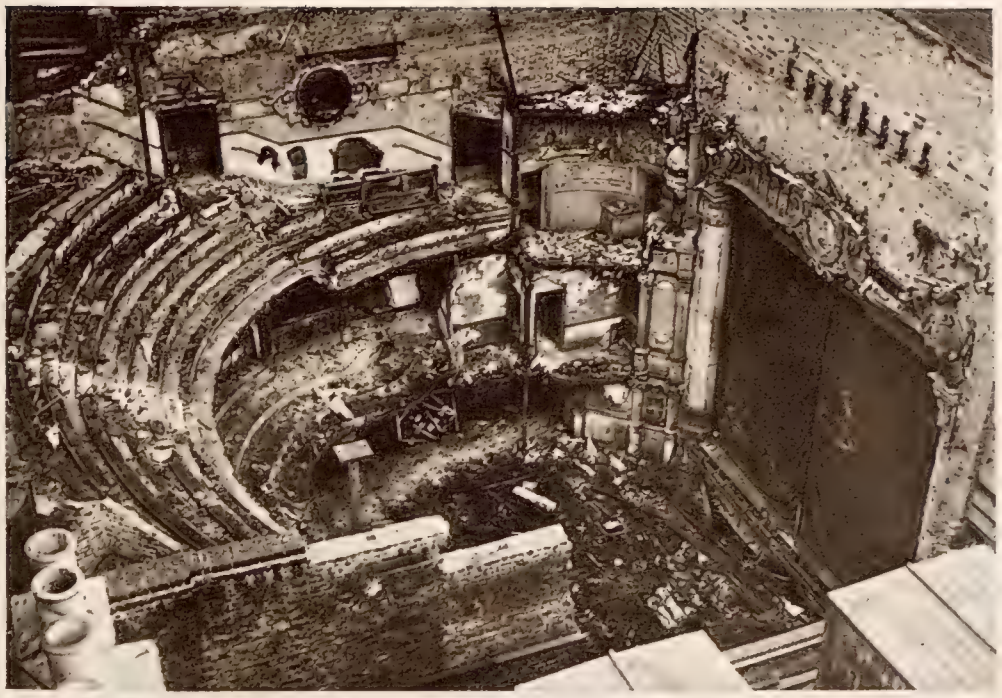
CARDINAL ARCHBISHOP GRIFFIN CONSECRATING A NEW ALTAR IN WESTMINSTER CATHEDRAL: The altar, subscribed for by Roman Catholics of the Royal Canadian Air Force, commemorates comrades who fell in the Second World War. Not a few of those airmen commemorated were regular attendants at the Cathedral during the war

PREPARING FOR TRAFALGAR DAY—TESTING THE RE-DESIGNED FOUNTAINS IN TRAFALGAR SQUARE: Water spouting from one of the new dolphin groups when the two basins, which have been empty for many months, were recently refilled in preparation for the unveiling by the Duke of Gloucester of the bronze busts, against the north wall of the Square, to Admirals of the Fleet Earl Jellicoe and Earl Beatty. The water in the two great basins now shoots to a height of 80 ft., five times higher than before. In addition to the fountains and the dolphin and triton groups, ornamental flower-beds have also been set up, and at night time special lights can be brought into play when required

LEAPING TO A HEIGHT OF 80 FT.: The newly designed fountains of Trafalgar Square being tried out behind the iron curtain erected during the progress of reconstruction. The unveiling of the Beatty and Jellicoe memorials was arranged for Trafalgar Day, Thursday of this week

THE OPENING OF THE MICHAELMAS LAW TERM—SERVICES AT WESTMINSTER ABBEY AND WESTMINSTER CATHEDRAL TO MARK THE START OF THE NEW TERM: *Left*—The Lord Chancellor, Lord Jowitt, leaving the Abbey after the service. *Right*—Judges at the Red Mass at Westminster. Later in the day the judges, headed by the Lord Chancellor and attired in the full splendour of their robes, walked in procession down the central hall of the Law Courts. Coincident with the start of the Michaelmas term it was announced that Sir John Singleton and Sir Alfred Denning, two Justices of the High Court were appointed Lords Justices of Appeal

REPAIR WORK ON THE ROOF OF THE ROYAL ALBERT HALL: High above the surrounding museum, school and residential buildings men are engaged on reconditioning and war damage repairs which are expected to last a year. One job entails replacing a huge amount of glass in the inner section of the dome with sound absorbent material—sheets of aluminium padded with glass wool. This is expected to effect a considerable improvement in the acoustics of the Albert Hall. The echo there is notorious, and more than once in the past efforts have been made to eliminate it



LONDON'S FORGOTTEN AUDITORIUM: The blitzed Holborn Empire for many years one of London's most popular homes of variety entertainment, as it appears to-day, a sad sight for the theatre-lover as it stands open to the elements and with the debris of the blitz only partially cleared away. The building was hit by a high-explosive bomb in 1940

THE NEW SECRETARY OF THE LAWN TENNIS ASSOCIATION: Mr. S. B. Reay, former Wing Commander in the Royal Air Force and former schoolmaster, who has taken over from Mr. H. A. Sabelli after acting as deputy secretary for the past year. During the war Mr. Reay was chief intelligence officer with the R.A.F. in the Middle East. He has now a staff of six at the L.T.A., and it is his task to keep in touch with 300 clubs

LONDON'S EAST END HAS ITS OWN THEATRE ONCE AGAIN—"THE BEGGAR'S OPERA" AT THE PEOPLE'S PALACE, MILE END ROAD: John Gay's celebrated light opera was chosen as the first production at the reopening of The People's Palace after a break of nine years. Mrs. C. R. Attlee, after declaring the theatre once more open, read a message from the King and Queen containing best wishes to the cast, the management, and the audience. Their Majesties will visit the theatre on October 29, when they will see a performance of "In Good King Charles's Golden Days"

HEROES OF THE "HEAVY WATER" RAID BEFORE THE TELEVISION CAMERAS AT ALEXANDRA PALACE: In a recent B.B.C. television programme, "Secret Mission," several people recalled their part in the daring wartime attack on the German "heavy water" supplies which were used for atomic experiments in Norway. Some of the saboteurs who were present for the programme included Lieutenant Knut Haukllid, D.S.O., M.C., seen in the centre of this photograph, and Captain Jens Poulsson, D.S.O., seen on the right, who was the joint leader of the exploit. On the left of the picture is Colonel Wilson, who supervised the operations from his London headquarters

THE LAST PARADE OF A GOAT MASCOT—LEWIS I, DEMOBBED AND BOWLER-HATTED, FOLLOWING HIS SUCCESSOR AT HALTON, BUCKS: The R.A.F. Station at Halton has a new goat mascot. Lewis II has taken the place of Lewis, who has been demobbed with the rank of Flight-Sergeant. This changeover should have been made some months ago, but Lewis I managed to eat his dispersal papers, and so went on serving. Before he left the station for the P.D.S.A. sanatorium at Ilford, Essex, Lewis was given a ceremonial parade send-off. Lewis II takes over his duties as an A.C.2, but if he proves to be a good goat, promotion should follow

THE BANTAM I SHOWS ITS PACES—A NEW TYPE OF PROPELLING BOAT FOR BARGES IS NOW IN OPERATION ON THE THAMES: The Bantam, with a specially designed head for attachment to engineless barges, seen pushing the coal-barge "Meavey" on an experimental run near Hampton Court. The Bantam I, of all-steel welded construction, is 30 ft. in length and has a beam of 12 ft. It is powered by a 100-h.p. Ruston Diesel engine and designed essentially for emergency operation in the winter months, when barge traffic is often brought to a standstill through flood conditions. The picture reproduced below on left shows the method of attaching the Bantam to the barge

BANTAM I PUSHES A DUMB BARGE UPSTREAM: The all-welded propelling boat attached to the coal-barge "Meavey" when demonstrating its abilities. When Bantams are at work on the upper reaches of the river in winter it is hoped to speed up barge traffic very considerably

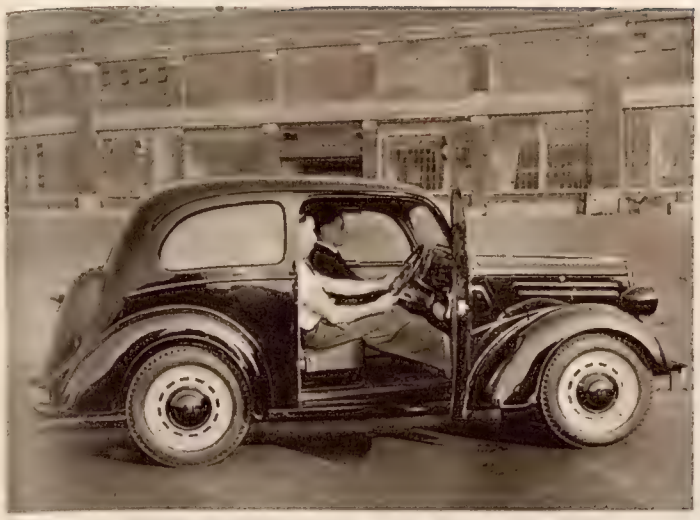
MANY INVENTIONS

News from the Realms of Science and Engineering

THE NEW AND BETTER LIFE-JACKET: The British self-righting model which, it is said, offers no possibility of the wearer remaining in the water face down. The life-jacket, made by a Manchester firm, was recently displayed at a Copenhagen store at the start of the British Exhibition

"THE OVERBOARD": This is the name given to the new self-righting life-jacket which is being bought eagerly by some of Britain's export customers. The life-jacket is very light and can be fitted in less than 10 seconds. It is tied round the waist and, immediately action is necessary, the wearer slips an elastic collar over the head, and then allows a small gas cylinder to inflate the jacket. A rubber mouth-piece is supplied in case the jacket requires more air in the course of use

FRANCE INTRODUCES A NEW PIECE OF LIFE-SAVING EQUIPMENT: A pneumatic waistcoat introduced by La Société D'Études et de Recherches d'Appareils de Sauvetage. The mattress waistcoat takes up very little space, and it is inflated from a small bottle of compressed air. The waistcoat is in part made from nylon material and is most durable. In its inflated form the mattress enables the swimmer to lie on his back, and the principle is very much the same as "the Overboard" shown in the pictures reproduced on the left. The swimmer depicted here was about to enter the waters of the Bay of Biscay



THE CAR THE DISABLED HAVE BEEN WAITING FOR: One of the new Fords adapted for the war-wounded. It will be seen how the seat pushes back to accommodate a driver with a stiff leg

THE STEERING WHEEL FITTED WITH ACCELERATOR, BRAKE AND CLUTCH: This is one of the first four of the first order of 1,000 Ford Anglia 8-h.p. cars, specially adapted to the needs of disabled ex-Servicemen and ordered by the Ministry of Pensions. It was completed at the Ford Works at Dagenham last week. The cars go to dealers in London, Edinburgh, Cardiff and Coleraine, Northern Ireland. Mr. H. H. Marquand and local Members of Parliament are handing over the first of the cars to ex-Servicemen who will use them. The cars have special seating arrangements, so that front seats can be slid right back to enable easy entry and exit, when the driver has artificial limbs. A large number of the cars will be fitted with accelerator and brake and clutch conveniently placed beneath the steering-wheel, as shown in this picture

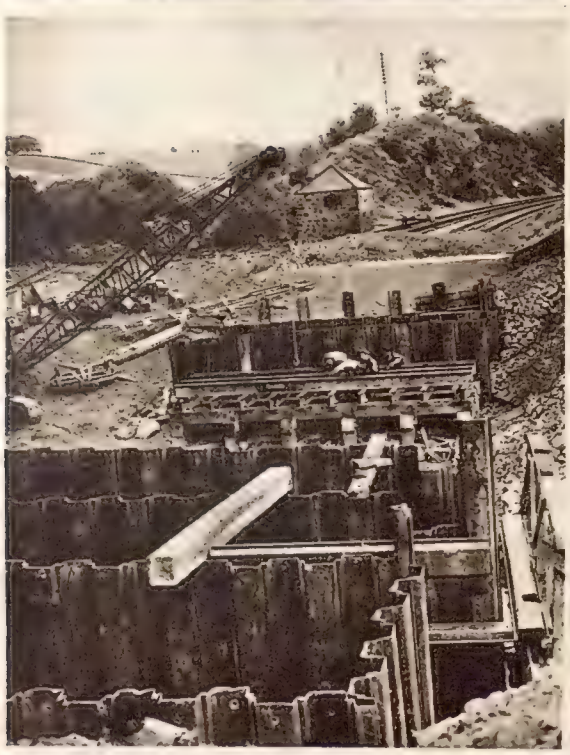
THE BOMB WITH THE AGGRESSIVE EYE: The VB 6, a new American bomb which directs itself towards a heat-emanating target by means of the "eye" in its nose. The "heat-seeking bomb" will aim itself at ships, factories, oil refineries, or other objects which give off heat rays to a greater extent than their surroundings. The plastic eye moves towards the heat surface within its range and movable fins are electrically turned to direct the bomb on to the target. One possible development of the idea is that thermostatic control might be incorporated to set the bomb for direction at a target of given temperature. The VB 6 was shown at a joint United States Army, Navy and Air Force display of new weapons and bombing technique at Elgin Field, Florida. In this picture, William Holiman, of Daniels, Maryland, is making an adjustment to the self-directing bomb during the display. The "eye" is so extraordinarily sensitive that it followed the movement of a lighted cigarette held close to it

THE CEMENT GUN—IT DOES IN THREE HOURS WHAT FORMERLY TOOK THREE DAYS: At any rate, this is the verdict of a St. Louis contractor on this cement gun which, charged with water, sand, cement and gravel, travels under its own power from the charging point to the spot where the mixture is required to be poured. By pressing a button, operations begin, and another button is pressed to start pouring operations. In this picture shuttering for house foundations is seen receiving its quota of sand and cement "mix." Despite such modern equipment, the American building industry trails far behind that of Britain

REPAIRING A BREAK IN THE MAIN LINE AT RESTON : Bridging in progress in South-East Scotland, where the railway track between Berwick and Edinburgh was seriously damaged during the great August floods. Altogether twenty-one major bridges were damaged or destroyed in this area, and the work of reconstruction is proving both a costly and lengthy business. It is in the Reston area that 25-ft. pylons have had to be driven to make new track foundations

High Speed Repair-work
IN THE WAKE OF SCOTTISH FLOOD HAVOC
Bridging the Yawning Gap in the Main Line

The August floods constituted a major disaster for the British Railways in South-East Scotland, and, needless to say, the work of reconstruction on road and rail is far from complete, even though gangs have been working day and night to restore normal conditions. Between Reston and Grant's House no fewer than twelve railway bridges were washed away in the space of a few hours, and before reconstruction can begin there is an immensity of clearance work to be done, pneumatic drills having to be brought into action to remove solid but displaced foundation.



MORE ASPECTS OF RECONSTRUCTION ON THE EDINBURGH-BERWICK LINE : *Left*—A section of track under repair at Grant's House, Berwickshire. *Right*—Houndhead Bridge under reconstruction. During the height of the floods the bridge was blocked by a haystack carried down by the flood water. The mounting waters tore the bridge from its foundations, and the stonework was hurled downstream in a matter of seconds

THE HERRING ARMADA PREPARES

Opening of the East Anglian Season

Last year the East Anglian herring season was inclined to be slow in getting under way, the warm weather of summer and autumn having given rise to a prolific crop of minute organisms in the water, which formed a barrier across the North Sea which not even the great spawning urge could surmount. This year the prospects of an early start to the season seemed more favourable, and with this in view fishing vessels have been converging on Lowestoft and Yarmouth throughout the past three weeks, many of them coming from Scotland. The 1948 herring fleet is the largest operating from East Anglia for ten years, and scientific observers have predicted bumper catches. The first returns from Lowestoft last week were good, the *Willing Boy* coming in with 125 crans. On one night alone Yarmouth boats came in with 2,000,000 herrings.

THE FIRST HERRINGS ARE LANDED AT YARMOUTH : Catches being unloaded on the fish wharves as the season began to get under way. By the end of the first week in October catches were increasing steadily, and it was expected that the subsequent full moon would bring the herrings to the surface. The full fleet engaged off East Anglia is expected to number about 450 vessels when at its peak

THE "OCEAN RAMBLER" AND THE SCOTTISH MOTOR-VESSEL "GRATEFUL" RETURN TO YARMOUTH AFTER OPERATIONS IN THE HERRING GROUNDS : The coveted Prunier Trophy competition for the biggest single haul of the season started on October 12, and will continue until November 23

THE SCOTTISH FISHER-GIRLS GET BUSY : Gutting herring at Yarmouth during the early days of the season. The girl in the foreground has a box beside her in which she places the roes. She then slings the fish into a barrel

THE INVERNESS BOAT "FAIR MORN" UNLOADS HER FIRST CATCH AT YARMOUTH : On board she had about 50 crans (50,000 herrings) which sold on the dockside at an average of 22s. 3d. per basket. The biggest single haul in 1947 was 253 crans by the Lowestoft drifter "Patria"

PLAYING FIELDS FOR THE PEOPLE

Encouraging the Playing, rather than the Watching, of Games

By CHARLES GRAVES

THE Mansion House dinner held this week to inaugurate the Silver Jubilee of the National Playing Fields Association was naturally marked by an appeal for funds.

One does not need to be a great student of history to realise that one of the first signs of decadence in any empire is the popularity of spectator sports. In the days of Rome the public paid money to watch the gladiators in the arena. To-day the vast British public spends its money on watching footballers hired for thousands of pounds from other parts of the country, or even from abroad, display their prowess in front of their local supporters. It is seldom, indeed, that any leading football team has more than two or three players who were born in the neighbourhood.

One of the major objects of the National Playing Fields Association, founded by his Majesty when he was the Duke of York, is to encourage young people to play games instead of watching them. It therefore deserves every possible encouragement, particularly now when, as a result of the war, thousands of youths, having found themselves for the first time playing team games compulsorily in the three fighting Services, have acquired a taste for them but can find nowhere to play.

True, thanks largely to a grant of £200,000 from the Carnegie Trust, over 1,000 Soccer grounds and over 600 cricket pitches have been provided since the formation of the Association, together with nearly 1,000 tennis courts, more than 100 hockey pitches and thirty-five Rugger grounds. In addition, several hundred general recreation areas have been financed. These include putting-greens, cinder-tracks and netball courts (over 200). But this is by no means enough. In the County of London, for example, there is only one available football pitch for every six football teams. Cricket, another traditional English game, is served equally badly.

The Association, *faute de mieux*, therefore supports the idea of providing concrete cricket pitches, which Don Bradman recommended before his return to Australia with his victorious Test team.

The Association has always borne in mind the phrase "The boy without a playground is father to the man without a job," and its six objects include not only the securing of proper playgrounds for children and thus saving them from playing in the streets and being run over, but also the preservation of the few open spaces still available in and around our increasingly congested cities. At the moment, the National Playing Fields Association has only £13,000 in the kitty and is therefore unable to take full advantage of the Town and Country Planning Act which came into force on July 1. This Act, if used properly, should make it much easier for local authorities to acquire public playing fields at a reasonable price. In the past, most local authorities reserved only land which was useless for development as possible playing fields, irrespective of their suitability. Now that the Act has, in effect, eliminated prospective building value, this difficulty has been removed.

The National Playing Fields Association has laid down that six acres is the minimum land required for the outdoor recreation of every thousand people in a city. Each village, it believes, should also be provided with a minimum of five acres when there are enough people to form a cricket or a football team. The new Act requires that every kind of council or county borough council shall submit to the Minister of Town and Country Planning a scheme showing how local land should be used. It is quite clear that not only must playing fields take their rightful place in the scheme, but they must also be laid out in such a way that the best possible use can be made of every inch of ground. The experts of the Playing Fields Association can be of considerable use to the local authorities in this way.

Unfortunately, there has not been a census since 1931, and so information about age groups is difficult to secure—information necessary to show what proportion of the population requires space for active recreation. It is also important to watch the relationship of each playing field to the population in congested areas. Leeds, for example, has about ten acres of open space per 1,000 of the population, but many of the playing grounds are very remote and do not, therefore, fulfil their proper function. Small children should have playing spaces not more than a quarter of a mile from where they live; older children, half a mile.

The Playing Fields Association is, in fact, the only central agency in the country properly equipped to advise and assist local communities on the subject of playing fields for the people. During its career the technical staff have examined and reported on 32,000 acres of playing space, of which 15,000 are now used for that purpose. Its members realise that the actual allocation of sites for playing fields must depend upon suitability and safe and easy access; the obvious requirements of suitability being a dry, easily drainable and reasonably level site.

The Development Plan of the Ministry of Town and Country Planning states that it may define the sites of proposed parks, pleasure grounds, nature reservations and other open spaces. Open space is defined as "any land laid out as a public garden or used for the purpose of public recreation or land being a disused burial-ground." This means that the new Act clearly provides not only for the acquisition of new playing fields, but also for the replacement of existing ones in over-spill areas to which the population will move when central reconstruction takes place. The job of the Playing Fields Association is to see that adequate provision is made in both cases. Before the Act came into operation certain local authorities had given permission for the development of land which they would have liked to have kept for playing fields but felt that they could not afford. The new Act enables them to revoke such a provision, subject to compensation which the Government may help to pay out of the £300,000,000 earmarked for this purpose.

From now onwards every opportunity is being afforded to acquire suitable land at the right price. But, though the responsibility of selecting the area belongs to the county authorities, much of the preparation will devolve on the local district councils. The National Playing Fields Association, through its county branches, is now co-operating at all levels with these planning agencies to guarantee that enough ground is "designated" for the playing of games. "Designated" sounds very much like appropriated, if not commandeered. At least, however, the county branches of the Association have representatives of the proprietors on their committees so that it should be possible to avoid unnecessary hardships to landowners who suddenly find their property "designated" at an unattractive price.

In any event, the Grants Committee of the Playing Fields Association has two principles from which it never deviates. It refuses to aid any local body which has failed to do anything financially about its local scheme. It also refuses to give assistance to public parks and tourist resorts where the money granted would be used primarily for the tourists rather than for the local residents. Grants will only be considered for the acquisition or development of playing fields on freehold land or land held on a ninety-nine years lease. Applications have to be submitted on prescribed forms; permission of the Ministry of Town and Country Planning must be obtained; the natures of the boundaries must be clearly defined, together with any feature which might influence the planning of the ground, such as overhead cables, pylons, rights of way, and the like. Estimates of cost must be given separately for each sports facility, whether it is for team games like football or cricket, children's playgrounds or tennis courts. Applicants have also to state what they intend to do about the regular mowing, rolling, watering and top-dressing and turfing of the worn areas. The grants given in this way as a contribution to the local applicants bear a low rate of interest and are repayable over a period of twenty years.

The two sections of the country which are worst off for playing fields are London and Wales. When the Playing Fields Association was formed London was 25,000 acres short of a proper standard of open space for its population, and since 1939 another 1,000 acres have gone under bricks and mortar, quite apart from large areas occupied by allotments. In Inner London there is, on an average, two acres per 1,000 of the population. Some of the playing fields which were taken for allotments have been returned, but those on which "temporary" houses have been built will never become available again. Of the thirteen counties in Wales, only Monmouthshire can provide any facts about the acreage of playing fields, and even in this, the best-organised county in Wales, there is actually less than two acres of playing fields available per 1,000 of the population. There are technical colleges which do not possess a square foot of playing fields, and there are only five branches of the Playing Fields Association throughout Wales.

Like so many other people, the National Playing Fields Association has its five-year plan. The first stage is the "designation" of playing field sites; the second is the planning of better playing fields; the third is the securing of "designated" sites; the fourth is the maintenance of playing fields; and the fifth the fullest use of the aforesaid playing fields.

Personally, I think it a great pity that more attention is not being paid to the provision of municipal golf-courses. They can give any amount of healthy recreation on land unsuitable both for building estates and for football grounds and cricket fields. The question of the upkeep is not as difficult as is suggested. Members of the local municipal courses can take it in turns to be responsible for the upkeep of the individual tees, greens and fairways, as was done so frequently during the war by members of well-established golf-courses.

THE "KING'S FIELD," HAMPTON COURT—THE FIRST PROPERTY PRESENTED TO THE NATIONAL PLAYING FIELDS ASSOCIATION: It was given by King George V and opened by the present King, then Duke of York, on May 12, 1930. The field comprises two former Royal paddocks

A SCENE FROM "LUTE SONG," AT THE WINTER GARDEN THEATRE, THE SPECTACULAR MUSICAL SHOW WITH WHICH ALBERT DE COURVILLE RETURNED TO PRODUCTION IN THE LONDON THEATRE: The story, based on an old Chinese play, was written by Sidney Howard and Will Irwin. *Lute Song* was a big success in America, but was not too kindly treated by London critics. It is luxuriously produced and a great deal of money has been spent on the sets and costumes. One, worn by Iris Russell, who plays the part of a Chinese princess, cost £1,000. Stars of the show are Dolly Haas (who was in the 1936 remake of an old film success, *Broken Blossoms*); Yul Brynner, Noel Morris, Anthony Eustral and Iris Russell. In seventeen scenes, in the de Courville manner, the story of a young man who leaves his wife to seek fame and finally returns to her is told without humour, and the mainstay of the show is its spectacle

"LUTE SONG" at the WINTER GARDEN

And Other News of Stage and Film

THE AMERICAN DANCERS WHO BRING "A LA CARTE" AT THE SAVOY THEATRE TO A STOP: The high-speed camera arrests Cappella and Patricia in two movements of their brilliantly executed dance number. Alan Melville, of *Sweet and Low*, and *Sweetest and Lowest* fame, wrote the book of *A La Carte*, which has music by Charles Zwar, décor by William Chappell, stars in Hermione Baddeley and Henry Kendall, and production by Norman Marshall

COVENT GARDEN'S MUSICAL DIRECTOR WITH HIS ENGLISH "OCTAVIAN": Karl Rankl and Constance Shacklock, the young English contralto who is now singing leading roles at the Royal Opera House. Miss Shacklock began her operatic career at Covent Garden, when the opera house reopened in January 1947, and sang a number of minor roles—in *Carmen*, *Rosenkavalier*, *The Magic Flute* and others. The turning-point in her career came when she sang Brangäne with Kirsten Flagstad in *Tristan and Isolde*. She made a great success as Octavian in *Rosenkavalier* at the beginning of this month, and again, a week later, as Azucana in *Il Trovatore*. Early next year she is to appear in the Wagner Festival in Amsterdam

A FILM STAR AND HIS MOTHER: Bobby Henrey, who has signed a £30,000 contract with Sir Alexander Korda, with his French mother. The Henreys live in Mayfair and Bobby was "discovered" when Sir Alexander Korda was turning the pages of Robert Henrey's book about Shepherd Market, *A Village In Piccadilly*, and saw Bobby's photograph on the front page. He was looking for a boy to play with Sir Ralph Richardson and Michèle Morgan in his new film, *The Fallen Idol*. He found that Bobby, who is bilingual, spoke English with a slight French accent—which was again what was wanted for the film. Bobby got £180 a week for his work in *The Fallen Idol* and earned nearly £5,000. The film, directed by Carol Reed, was a great success and now Sir Alexander has given Bobby Henrey a contract whereby he will earn £30,000 during the next four years

The World of Books—By VERNON FANE

BARBARA WARD'S "THE WEST AT BAY"

A Young and Brilliant Economist Expresses Her Belief in "Western Association"

"WHEN bad men combine, the good men associate," wrote Burke, and that might be taken as the *motif* of THE WEST AT BAY (Allen and Unwin. 12s. 6d.), a survey of our present situation by that brilliant young economist, Miss Barbara Ward. Starting with the premise that "no corner of the world—except perhaps Ancient Greece—has contributed as much as Western Europe to the development and enrichment of mankind," Miss Ward writes of the relative decline of Europe, the rise of America and the Communist pressure. Taking a realistic view of American aid, she explains the strengths and weaknesses of American policy, and asserts her belief in Western association as the hope of the world that we know.

THE DURABLE MONUMENT (Longmans. 15s.) is a sailor's biography of England's greatest sailor. Nelson will always be a challenging subject for the writer, who must try to reconcile if not to clarify the great and apparent contrasts between the brilliance of his naval career, his passionate love for Emma Hamilton and the fervour of his religion.

Admiral Sir W. M. James tackles the Nelson story with commendable resolution and an evident enthusiasm for the task, and his book is at its best in his accounts of Nelson's naval actions.

Another admiral-biographer is Vice-Admiral Ross McIntire, who writes of his experiences as White House physician in TWELVE YEARS WITH ROOSEVELT (Putnam. 12s. 6d.). Admiral McIntire was not only the President's doctor, but his personal friend, and his writing reflects the affection and the deep admiration which he felt for the man who held such high office under such a physical handicap.

INQUEST ON AN ALLY (Cresset Press. 12s. 6d.) is a survey of Russian policy since the end of the war and, since it has been written by Mr. Paul Winterton, whose knowledge of the Russians, their language and their history has been demonstrated in the course of the past twenty years, it is worth reading with attention. As a pointer to Mr. Winterton's political leanings, it should be enough to quote from his postscript: "This Soviet régime has earned our automatic and permanent distrust. It has so debased the currency of language that its words are worthless. It has shown itself so unprincipled that we should no longer desire to co-operate with it on any terms whatever. We should consciously desire its downfall, as we desired the downfall of the Nazis. There will be no hope of international understanding and secure peace while it lasts."

As a point of view, that could scarcely be more definite.

In the same connection, you might be interested in reading what its publishers describe as a "rather terrifying book" which has been translated from the Russian, and drawn from an actual textbook used in the training of Russian teachers. I WANT TO BE LIKE STALIN (Gollancz. 7s. 6d.) is a book to be taken with utter seriousness, writes Mr. George S. Counts in his long explanatory preface, since it deals with moral and social education, and it must be realised that the school is a powerful and indispensable organ of the Communist Party.

WHERE TROLLOPE HAD HIS LAST LONDON HOME: No. 39, Montagu Square, which is now up for sale, was occupied by the prolific novelist during the years 1873-1880. It was there that he wrote "The Prime Minister," "The Way We Live Now" and "Is He Popenjoy?" In 1880 Trollope settled at Hastings, Sussex, and two years later came back to London to die

On the whole, I was inclined to agree with the publishers' opinion from the moment I read of the "irreconcilable hatred toward the enemies of socialist society," which is to be inculcated by the teachers into all their young pupils.

With IMAGINARY CONVERSATIONS (Secker and Warburg. 10s. 6d.) we can breathe a less violent and, in fact, a wholly literary air, for this is a collection of eight scripts that were written for broadcasting in the Third Programme, and they include among their authors Miss Rose Macaulay, Mr. V. S. Pritchett and Mr. Sean O'Faolain. The idea of this series is explained by their producer, Mr. Rayner Heppenstall, whose notes on the "staging" of each little play make radio production far more interesting than I would have supposed possible. Of the conversations themselves, I would recommend Mr. G. W. Stonier's interpretation of Hamlet and Ophelia, in which that poor girl has considerable opportunity of expressing herself.

LORD ALFRED DOUGLAS—Spoilt Child of Genius (Herbert Joseph. 18s.) gives the key of the book in its subtitle, for Mr. William Freeman is at pains to place "Bosie" correctly in his literary as well as his social relations. Not only the trials in which Oscar Wilde was concerned, in which Lord Alfred did not figure except by reference, but the endless litigations of Lord Alfred himself are given here in some detail, and are as entertaining as anything in the volume.

There are several novels this week that are well above the grey and complacent average. Since the autumn is a good season for fiction, this will come as no surprise to the diligent reader. There is, for instance, WILLOW FARM (Collins. 8s. 6d.), by Miss Doreen Wallace, which has the familiar setting of East Anglian farming land and the familiar background of farmers' problems and worries, but which differs from many of this author's other books by being in the main a love story.

TUNE ON A MELODEON (Heinemann. 9s. 6d.) is Mr. Ian Niall's second novel. Sometimes that is as important an announcement as a first novel, but too often a second book is a disappointment, lacking the invention and vital force of the first. Here we have an exception, since this new story of Mr. Niall's has all the strength, the directness and the odd magic of its predecessor, *No Resting Place*. It is about the same kind of queer but credible people, and set in the same kind of countryside.

If you can forget that you ever read a book before in which a group of children lose their parents through an earthquake in the Americas some time in the nineteenth century, and cross the Atlantic to Europe without a guardian, and with only a friendly sailor or two to look after them, then you are likely to enjoy Miss Oriel Malet's novel MISS JOSEPHINE AND THE COLONEL (Faber. 9s. 6d.) without any *arriere-pensée*.

WILDERNESS ADVENTURE (Sampson Low. 10s. 6d.) is a romantic tale of America in 1742, when Virginia was an English colony, and when England herself was at war with Spain. Miss Elizabeth Page has the knack of keeping the action flowing swiftly, and without too much insistence on archaic speech.

Mr. Howard Clewes' new novel, THE MASK OF WISDOM (Bodley Head. 9s. 6d.), is an ironic, grim, shrewd and yet humorous story of Central Europe, and of a woman and her illegitimate child. The boy and his mother are seen against a political background of great complexity, and it is their relation to it, as well as to each other, that has been the author's concern.

THE NIGHTWALKERS (Michael Joseph. 8s. 6d.) is a really first-rate mystery story, as was its author's last book, *An Inch of Time*. Like that, it is set in China, and in the period immediately after the war. Mr. James Norman is a master of crisp and natural dialogue.

ERNEST HEMINGWAY "EN VACANCE": The author of "For Whom the Bell Tolls" taking a cocktail in his hotel on Lake Maggiore

ALDOUS HUXLEY IN LONDON: After a long absence he has come to Town to see his play "The Gioconda Smile"

HUNTING: FROM SURTEES TO HIGGINSON

Surtees is a cult. He was certainly not one of the great novelists of the nineteenth century, but the man who created Mr. Sponge and Mr. Facey Romford, not to mention that great cockney sportsman Mr. Jorrocks, certainly had an eye for character as well as country, and a cynical turn of humour in dealing with the social habits of middle-class England in the years between the Reform Bills. Cyril Ray, a product of the *Manchester Guardian* school, has brought out a delightful volume entitled ROBERT SMITH SURTEES: SCENES AND CHARACTERS (Falcon Press. 5s.), and here in the space of 100 pages we renew acquaintance with most of the great malefactors of the novels, as diverting a crew of scamps, fools, husband-hunting heroines, malicious old trouts, and two- and four-legged scallywags as has ever been gathered together by one author.

"All is time is lost wot is not spent in 'unting—it is like the hair we breathe—if we have it not we die—it 's the sport of kings, the image of war without its guilt, and only five-and-twenty per cent of its danger." This was the verdict of the great Jorrocks himself, and there are hundreds of Englishmen who still share the old gentleman's robust view, among them, beyond all doubt, Henry Higginson, whose FOXHUNTING: THEORY AND PRACTICE (Collins. 15s.) now makes its appearance. These are testing days for fox-hunting, however. The sport still suffers from a post-war malaise, while Parliament may pronounce upon the matter of blood sports in a manner which may sound the death-knell of the chase as we know it to-day. Mr. Higginson communicates his deep enthusiasm for hunting in every line of this earnest treatise and, even if his tone is not without a hint of patronage when he deals with such vital questions as the relationship between the hunt and the farmers, he is at least clear beyond all mistake in his assertion of the consideration due to the agricultural community by the men and women who gallop across enclosed land.

The theory of war changes hardly at all through the centuries; the practice never ceases to change, as witness in World War II the advent of the airborne unit with all its manifold opportunities for outflanking the enemy as it had never been done before. T. J. Jackson, the hero of the 2nd Manassas, or the dashing J. E. B. Stuart would have revelled in the opportunities presented to the airborne men. WITH THE 6TH AIRBORNE DIVISION IN NORMANDY (Sampson Low. 10s. 6d.) is Lieut.-General R. N. Gale's description of what our parachutists achieved on D-Day and afterwards. It is a strictly factual account by a modest commander, but its epic qualities are by no means lost through this simplicity of telling. The achievement was prodigious, the leadership inspiring, and perhaps best of all was the way in which the airborne men, after weeks of defensive fighting, improvised for the pursuit to the Seine, a task for which they were not equipped. Lieut.-General Gale ends his book with the return of the 6th Airborne to England, where, after their great testing time, they prepared for their final onslaughts upon the German fortress.

Only to the city-dweller can the weather be a matter of general indifference, and even there he finds himself falling into the habit of discussing the perennial subject, be it only as a conversational gambit. To-day, weather recording and forecasting is a fairly exact science, and one upon which the nations co-operate. In EVERYBODY'S WEATHER BOOK (Sampson Law, Marston. 15s.), Reginald M. Lester gives in non-technical language a comprehensive guide to every feature of this fascinating study. Mr. Lester pays tribute to the activities of a group of British prisoners of war in Stalag Luft III at Sagan who began their meteorological studies in May 1942 soon after arrival, many of them speedily becoming proficient in taking observations, in recording them in international code, and in plotting results. Later, when the camp moved to East Prussia, the German guards were less favourable towards these studies, the rain gauge being kicked to bits on two occasions.

John Waller, descendant of the cavalier poet Edmund Waller, is a poet in his own right. His new volume THE KISS OF STARS (Heinemann. 7s. 6d.) is uneven in quality (how little poetic production is not?), but it contains some lyrics of outstanding merit, notably "When Sadness Fills a Journey" and Greenwood Prize sonnets which, prize or no prize, surely belong to our poetic heritage.

DEPARTMENT OF REPRINTS.—IT 'S A BATTLEFIELD by Graham Greene (Heinemann. 7s. 6d.); NORTHANGER ABBEY, by Jane Austen (Williams and Norgate. 8s. 6d.); SHADOWS OF ECSTACY by Charles Williams (Faber and Faber. 8s. 6d.). All three in standard editions.

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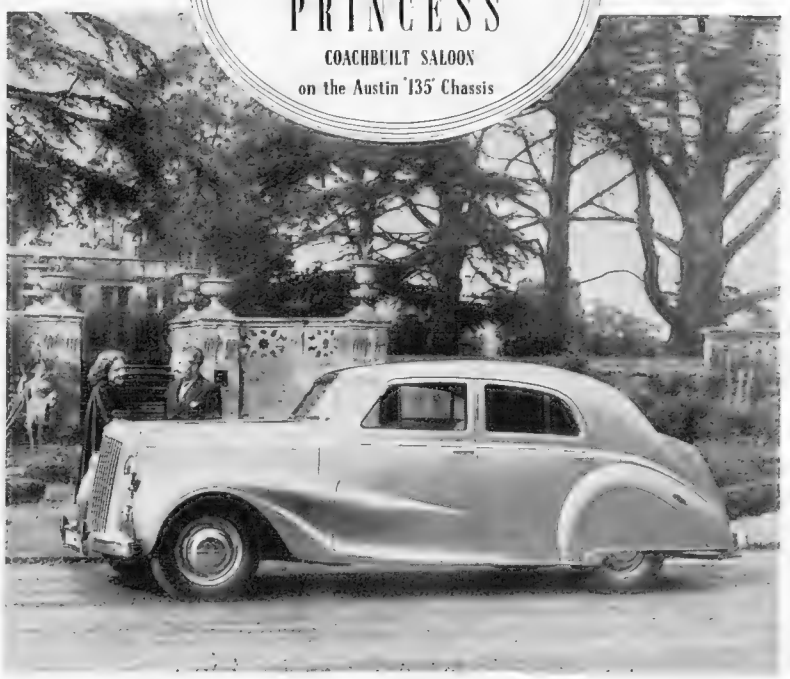

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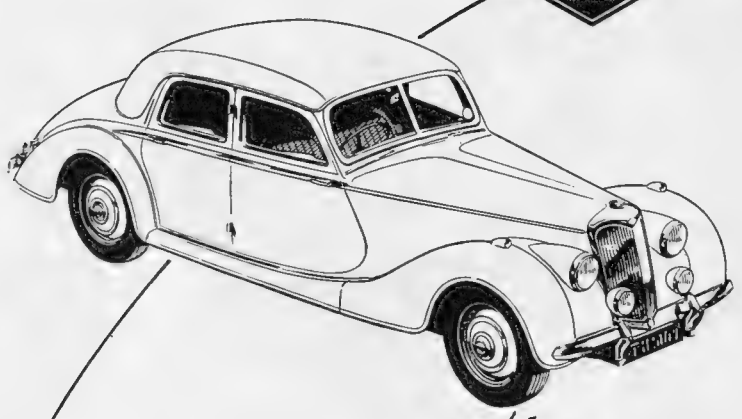

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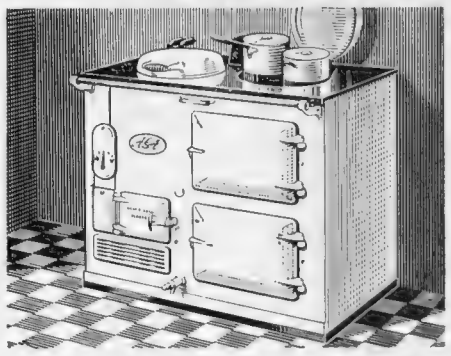

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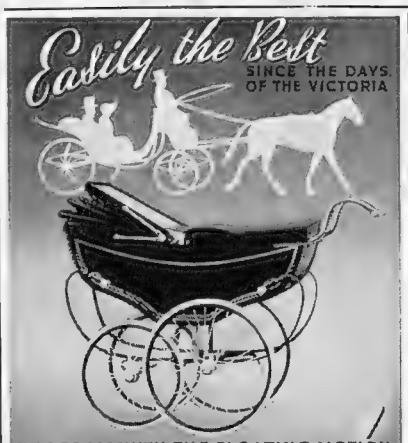

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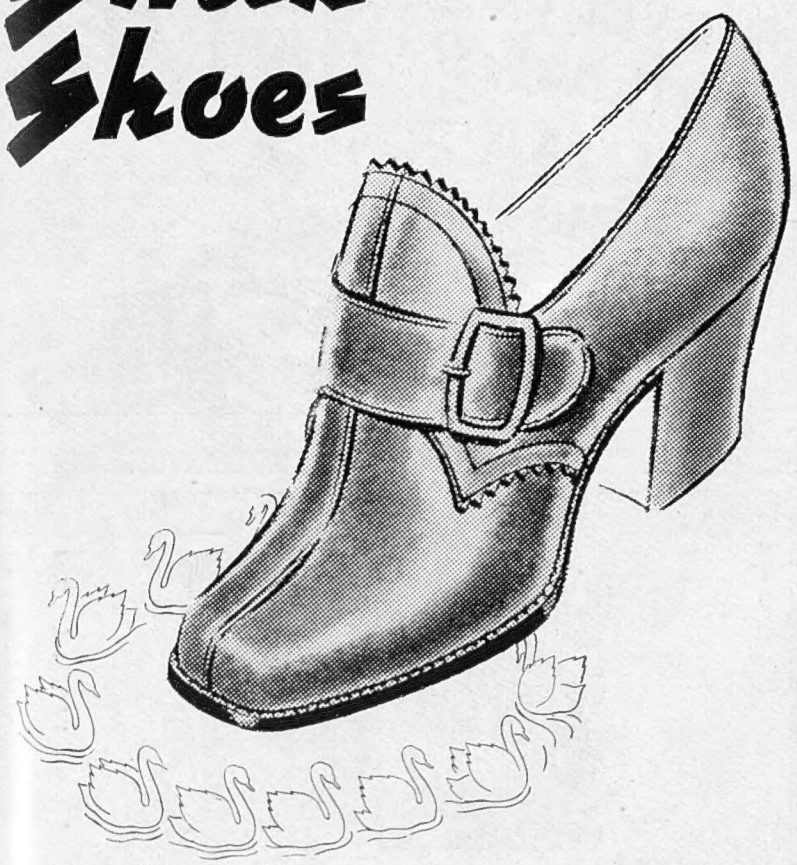

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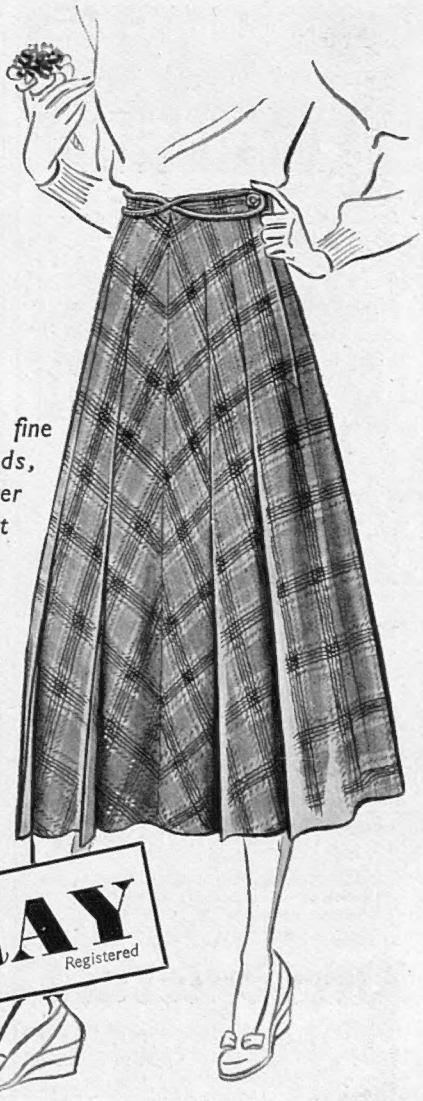

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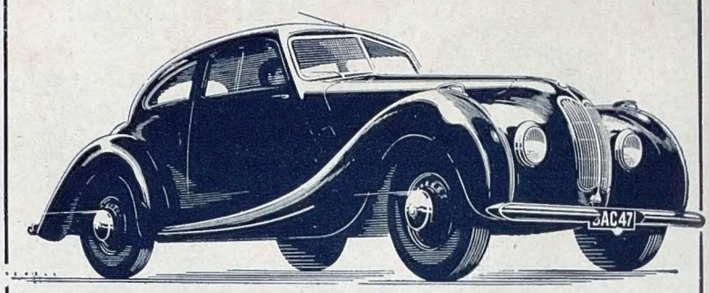

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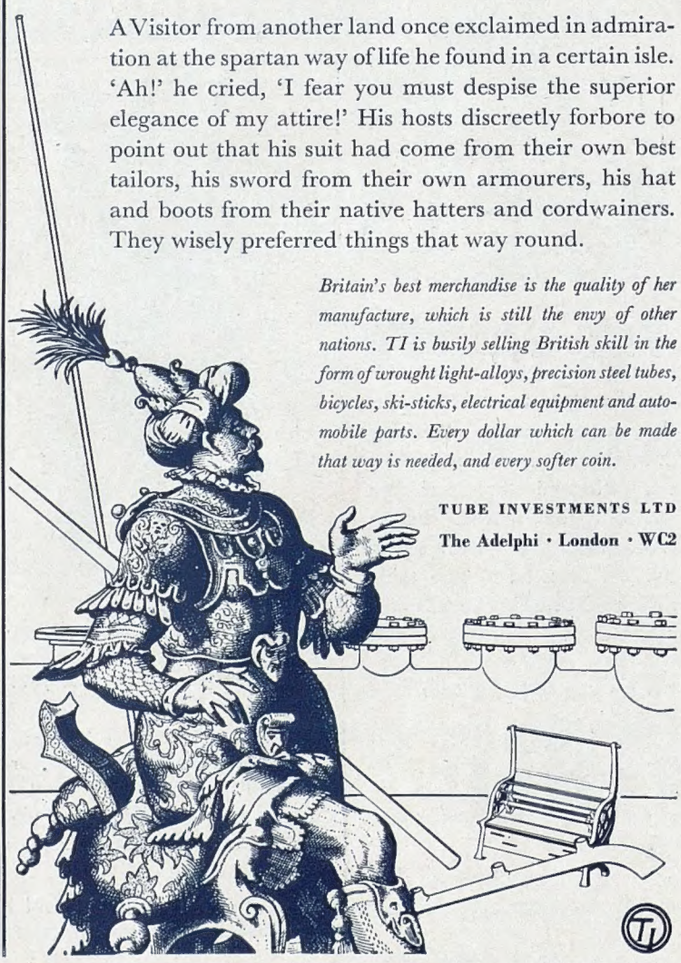

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